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TRAVELS
IN
SWITZERLAND,
AND IN THE
COUNTRY OF THE GRISONS:

IN A
SERIES OF LETTERS
TO
WILLIAM MELMOTH, Esq.
FROM
WILLIAM COXE, M.A. F.R.S. F.A.S.
RECTOR OF BEMERTON.

WITH AN HISTORICAL SKETCH AND NOTES ON THE LATE
REVOLUTION.

THE FOURTH EDITION.
IN THREE VOLUMES.

VOL. III.

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JE VOUDROIS RECHERCHER DANS TOUS LES GOU-
VERNEMENS MODERÉS QUE NOUS CONNOISSONS,
QUELLE EST LA DISTRIBUTION DES TROIS POU-
VOIRS, ET CALCULER PAR LÀ LES DEGRÉS DE LI-
BERTE' DONT CHACUN D'EUX PEUT JOUIR.

Montesquieu, Esprit des Loix, L. xi. c. 20.



TO
HENRY WILLIAM PORTMAN, Esq.
OF BRYANSTON, DORSETSHIRE,
THIS THIRD VOLUME OF
TRAVELS INTO SWITZERLAND
IS INSCRIBED,
AS A TESTIMONY OF ESTEEM AND GRATITUDE,
BY HIS
OBEDIENT,
AND OBLIGED,
HUMBLE SERVANT,

W^M COXE.

BEMERTON,
FEB. 20, 1789.

ADVERTISEMENT
TO THE
THIRD VOLUME.

IN this fourth edition Dr. Pulteney has considerably improved the *Faunula Helvetica*, by adding throughout all the classes the references to Professor Gmelin's edition of the *Systema Naturæ*; and in the Mammalia class, those of Dr. Shaw, from his *General Zoology*; a work which must unquestionably and deservedly become popular; and will therefore much facilitate the inquiries of the curious in these departments of Natural History.

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INTRODUCTION.

EACH of the three Leagues, which form by their union the republic of the Grisons, is divided into a certain number of districts, called in Romansh *Dratturas Magnas*, in German *Hochgerichts*; which may be translated High Jurisdictions. These districts are composed of one, two, or more small Commonwealths, or Communities. As this complicated intermixture of different communities frequently creates much confusion, in the geographical and political accounts of this country, I have prefixed a Table of the general division of each league into High Jurisdictions, with their subdivisions into Communities.

The Grey League is divided into eight High Jurisdictions, which are subdivided, in the following manner, into twenty-seven Communities.

High Jurisdictions.	Communities.			Members from these several Communities to the General Diet.
		I. Difentis - -	1 { Difentis - - - -	
			2 { Tavetch - - - -	
		II. Valley of Lugnetz -	3 & 4 { Lugnetz - - - -	
			5 { Wals - - - -	
		III. Grub - -	6 & 7 { Ilantz and the neigh- bouring districts -	
			8 { Schlowis - - - -	
			9 { Tenna - - - -	
		IV. Waltenzburg	10 { Waltenzburg - -	I
			11 { Lax - - - -	I
			12 { Oberfax - - - -	I
		V. Flims - -	13 { Flims - - - -	I
			14 & 15 { Retzuns and Embs	2
			16 { Trins and Tamins -	I
		VI. Rheinwald and Schams	17 & 18 { Valley of Rheinwald	2
			19 & 20 { Valley of Schams -	2
		VII. Heunzenberg and Tufis -	21 { Tufis and Catzis -	I
			22 { Heunzenberg - -	I
			23 { Saffien - - - -	I
			24 { Cepina - - - -	I
		VIII. Mafox - -	25 { Valley of Mafox -	I
			26 { Ruffle - - - -	I
			27 { Calanca - - - -	I
				I

The League of God's House is divided into eleven High Jurisdictions, and comprehends twenty-one Communities.

High Jurisdictions.	I. Coire - -	Communities.	1 { Coire - - - -	2	Members from these several Communities to the General Diet.
	II. Pregalia - -		2 { Sopra Porta - -	I	
			3 { Sotto Porta - -	I	
	III. Upper Engadina - -		4 { Sopra Fontana Merla	I	
			5 { Sotto Fontana Merla	I	
	IV. Lower Engadina - -		6 { Sopra Tasma - -	I	
			7 { Sotto Tasma - -	I	
	V. Bivio or Stalla		8 { Bivio & Marmorara	I	
			9 { Avers - - - -	I	
			10 { Remus, Schlins, and Samun - - -	I	
	VI. Ortenstein -		11 { Ortenstein - - -	I	
			12 { Furstenau - - -	I	
	VII. Obervats - -		13 { Obervats - - -	I	
			14 { Breguns - - -	I	
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			21 { Unter Vatz - - -	I	

The League of Ten Jurisdictions is divided into seven High Jurisdictions, and comprises eleven Jurisdictions or Communities.

High Jurisdictions.	I. Davos - -	Communities.	1 { District of Davos - -	2	Members from these several Communities to the General Diet.
	II. Kloster - -		2 { Kloster - - - -	2	
	III. Castels - -		3 { Lutfein - - - -	1	
			4 { Jenats and Furna - -	1	
	IV. Schiers - -		5 { Schiers - - - -	1	
			6 { Seewis - - - -	1	
	V. Mayenfield -		7 { Mayenfield and } Malans - - }	2	
	VI. Belfort or Alvenew and Churwalden		8 { Alvenew - - - -	1	
			9 { Churwalden - - - -	1	
	VII. Valley of Schalffic - -		10 { St. Peter, &c. - - -	1	
			11 { Longwifen - - - -	1	
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Thus the Diet, including the three chiefs, consists of sixty-six voices.

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LETTERS,

LETTERS, &c.

LETTER 68.

*Como—Mendrisio—Lake of Como—Pliniana—
Fort of Fuentes—Laghetto di Chiavenna—En-
trance into the Country of the Grisons.*

DEAR SIR,

Chiavenna, July 21, 1779.

SINCE I travelled over part of Switzerland, I have been desirous to make a tour through the remainder of that country, particularly to visit the Grisons; and I shall now take the opportunity of indulging my curiosity, and propose to myself the satisfaction of continuing to send you, on this as on the former occasion, my observations and remarks.

I quitted Milan last week, and proceeded through a gently rising country, well wooded and fertile in corn and vines, to Como. This

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B

town

town being distinguished by the birth of Pliny the younger, the inhabitants have placed his statue in a niche on the outside of the church, with a Latin inscription bearing the date of 1499. I need not remind you, with how much rapture and enthusiasm Pliny mentions the delightful situation of his native town, and the romantic scenery of the environs, in those letters, of which you have given to the public so accurate and elegant a translation.

Como is indeed most pleasantly situated, in a narrow vale, enclosed by fertile hills, upon the southern extremity of a beautiful lake; it is surrounded by a wall flanked with picturesque towers, and backed by a conical eminence, on which stand the ruins of an antient castle. The houses are neatly built of stone; and the cathedral is a handsome edifice of white marble, hewn from the neighbouring quarries. The inhabitants have established several manufactories of cotton and silk, and carry on some trade with the Grisons.

From Como I made an excursion to Mendrisio, one of the Italian bailliages belonging to the * twelve cantons of Switzerland. These
bailliages

* Appenzel is excluded from the co-regency because the cession was made in 1512, the year before that republic

bailliages formed part of the Milanese, and in 1512 were ceded to the cantons by Maximilian Sforza, who was raised to the ducal throne by the Swiss, after they had expelled the troops of Louis the Twelfth, and taken possession of the duchy. Francis the First, successor of Louis, having recovered the Milanese, and secured his conquest by the victory of Marignano, purchased the friendship of the Swiss by confirming their right to the ceded territory; a right which the subsequent dukes of Milan were too prudent to dispute.

Mendrisio and Balerna * is one of the smallest of these transalpine bailliages: the bailiff or governor is appointed successively by each of the twelve cantons, and remains in office two years. He is supreme judge in † criminal affairs without

public was admitted into the Helvetic confederacy. Beside Mendrisio and Balerna, the other Italian bailliages are Locarno, Lugano, and Val-Maggia. Uri, Schwitz, and Unterwalden, possess three bailliages, Bellinzona, Riviera, and Val-Brenna, which were equally dismembered from the Milanese.

* In the new division of Switzerland, Mendrisio and Balerna were included in the canton or department of Lugano.

† In case of capital punishment, he is obliged to consult the secretary, notary, and the other officers of the district; but as they have no vote, his power is supreme.

appeal: a power too great to be entrusted to a stranger, commonly ignorant of the laws, and interested to increase his revenue. In civil causes an appeal lies to the syndicate of Switzerland. The inhabitants enjoy considerable privileges, civil, ecclesiastical, and commercial. The district is extremely fertile in vines, corn, and pasturage, and yields a great quantity of excellent silk.

Returning to Como, I embarked upon the lake; the banks near the town are richly wooded, and studded with country houses and small villages, which lie upon the gentle acclivities near the margin of the water. At first the lake is scarcely a quarter of a mile broad, but it widens near a neck of land upon which is situated the small village of Turnio. The neighbourhood of Turnio, and the districts bordering the lake of Como, supply, for the most part, those Italian emigrants who wander through Europe vending barometers and thermometers; of whom numbers annually resort to England.

After an hour's rowing we reached Pliniana, remarkable for a singular fountain, which is still to be seen in the same state as described by Pliny. Pliniana, a villa belonging to a Milanese nobleman, is constructed upon the edge of the water, in a most romantic situation, backed by
rocks,

rocks covered with trees and pasture. The master of the house received me with much civility and politeness, and kindly accompanied me to the fountain. It is a spring, which bursts from the rock close to the house, and falls in natural cascades into the lake. I examined some of the phænomena alluded to in the following description, and received the account of the others from the gentleman himself, who had repeatedly made them the subject of his observation. The spring ebbs and flows three times a day; it gradually rises, until it forms a considerable stream, and then as gradually subsides, till it becomes almost dry. I saw it in its flow, and measured the increase by placing stones at different distances, which were successively covered in a small space of time. This increase and decrease is regular, excepting in bad weather: in the late season, which has been extremely fair, the ebb and flow were remarkably uniform. The original passage, in which Pliny describes the ebb and flow of this spring, is written upon the wall of an adjoining apartment.

Fons oritur in monte, per saxa decurrit, excipitur cœnatiunculâ manu factâ; ibi paululum retentus in Larium lacum decidit. Hujus mira natura: ter in die statis auctibus ac diminutionibus crescit, decrescitque. Cernitur id palam, et cum summâ vo-

luptate deprehenditur: juxta recumbis, et vesceris, atque etiam ex ipso fonte (nam est frigidissimus) potas: interim ille certis dimensisque momentis vel subtrahitur vel adsurgit annulum; seu quid aliud ponis in sicco, alluitur sensim, ac novissimè aperitur; detegitur rursus paulatimque deseritur: si diutius observes utrumque iterum ac tertio videas.*

Having gratified my curiosity at Pliniana, I embarked, and continued to Clarice, where I passed the night. The weather, which has lately been uncommonly sultry, is suddenly changed, and this morning a violent thunder-storm over-

* *Plin. Epist. lib. iv. Ep. xxx.*—"There is a spring
 " which rises in a neighbouring mountain, and running
 " among the rocks is received into a little banquetting-
 " room, from whence, after the force of its current is a
 " little restrained, it falls into the Larian lake. The
 " nature of this spring is extremely surprising; it ebbs
 " and flows regularly three times a day. The increase
 " and decrease is plainly visible, and very entertaining to
 " observe. You sit down by the side of the fountain,
 " and whilst you are taking a repast and drinking its
 " water, which is extremely cool, you see it gradually
 " rise, and fall. If you place a ring, or any thing else at
 " the bottom when it is dry, the stream reaches it by de-
 " grees till it is entirely covered, and then again gently
 " retires from it; and if you wait you may see it thus
 " advance and recede three times successively." *Melmoth's*
Translation.

took

took us upon the lake; the water being extremely agitated, we landed at a small village upon the western shore, in order to wait until the storm should subside. The navigation of these lakes, which are enclosed between the mountains, is occasionally dangerous, according to Virgil's description of the Benacus, or Lago di Guarda.

*Tu, Lari maxime, tuque
Fluctibus et fremitu assurgens, Benace, marino.*

The Lake of Como is about thirty-six miles in length, in general from two to three broad, and four at the widest part, where it is divided into two branches. The great branch leads directly to Como; the small branch, called the lake of Lecco, discharges the Adda, and communicates by means of that river and the canals * of the Adda and the Canale Vecchio, with Milan.

The borders are high hills covered with vines, Spanish chestnut, walnut, and almond trees, and dotted with numerous villages and small towns. The hills bounding the lake rise gradually higher and higher, from those which encircle Como

* See Letter 88.

to the crags which tower near its upper extremity.

The storm at length subsiding, I embarked, and proceeded to Bellano, whose streets are so narrow as scarcely to admit the smallest cart. It is situated at the foot of a lofty precipice, rent from top to bottom by a chasm, through which a furious torrent forces its way. A bridge is thrown across the chasm, from whence the spectator looks down with terror into a gulph scarcely inferior in depth to that at the Panten-bruck *, in the canton of Glarus, and an aqueduct is conducted along the precipitous sides of the rock. I again embarked, and proceeded to Domasio, where I waited upon the governor, to obtain the permission of visiting the Fort of Fuentes: my request being readily complied with, I crossed the lake, accompanied by a soldier, and landed at Collico.

A little above Domasio, on both sides of the lake, begins the *malaria*, or unwholesome air; the borders are no longer abrupt hills, but a flat swamp, formerly covered with water. The inhabitants are subject to intermitting fevers; on which account, during the heats of summer, when the malignity of the atmosphere is at its

* See Letter 6.

height,

1. South side

(Lake of Geneva near Villeneuve)

1840



height, the greater part quit the plain, and retire to the neighbouring mountains. I found Collico and its neighbourhood almost entirely deserted; the cottages were shut up; and, had it not been for the appearance of a straggling man and woman, should have concluded this part of the country to have been uninhabited. After walking about two miles from Collico, we came to the bottom of the rock, upon which stands the Fort of Fuentes. But before we ascend, I shall detain you a moment with a short history of this fort, which at the beginning of the last century was so much celebrated in the annals of Europe.

One of the articles in a treaty between Francis Sforza, Duke of Milan, and the Grisons, expressly stipulating that no fort should be constructed in the district of *Piantedio*, was confirmed by the Spanish branch of the House of Austria, which succeeded Charles the Fifth in the possession of the Milanese. Notwithstanding this agreement, when the religious disputes, occasioned by the introduction of the reformed religion into the Vateline, created a jealousy between the House of Austria and the Grisons, the count de Fuentes, governor of Milan, laid, in 1603, the foundation of the fort, which he called after his own name, and saw it completed in 1606.

1606. From this place, situated in the *Piantedio*, he introduced troops into the Valteline, and supported the inhabitants in their hostilities against the Grisons. Henry the Fourth of France, alluding to the construction and situation of this fort upon the borders of Italy, and near the confines of the Grisons, used to say, *Il veut du même nœud serrer la gorge de l'Italie et les pieds aux Grisons* *.

If you are not fatigued with this preliminary account, we will now mount to the fort, and take a view of its present state. It is built upon an insulated rock, about a mile and a half from the nearest ridge of mountains, and two miles from the lake, so that it completely commands the only great opening which leads into the Valteline, either from the Milanese or the Grisons; a situation of great importance, when the possession of the Valteline was an object of consequence to the House of Austria. The fortifications are a quarter of a mile in circumference, constructed with stone, and contain a few ruinous barracks for soldiers, and the governor's house, which is in a most wretched condition. The whole garrison consists of three soldiers, who, at the expiration of three days, return to

* With the same knot he binds the neck of Italy and the feet of the Grisons.

Domasio, and are relieved by an equal number ; the only inhabitants are a peasant and his wife, who have resided there a year, and have been almost constantly afflicted with the ague. The plain below the rock being entirely marshy, and covered with rushes, exhales a pestilential effluvia, which infects the atmosphere, and occasions the unwholesomeness of the fort. The Spaniards were accustomed to style this place, from its peculiar situation, the *yoke* of the Grisons, while the Grisons, in allusion to its bad air, termed it, with more propriety, the *grave* of the Spaniards.

The view from the fort is remarkably fine and picturesque. On one side, the rich Valteline, watered by the turbulent Adda ; on the other, the lakes of Como and Chiavenna, beautifully encircled with numerous towns and villages. The hills which skirt the Valteline and the lake of Como, present a variegated landscape of forests, corn-fields, and pastures, finely contrasted, towards the Grisons, by the rugged Rhetian alps covered with eternal snow.

Having taken leave of the three soldiers, and bid adieu to the peasant and his wife, I descended into the plain : the soil is fertile, but being subject to frequent inundations, is not capable of constant cultivation. That part
which

which lies between the fort and the lake is so marshy, that although the straight line to the place of embarkation scarcely exceeded two miles, yet I was obliged to make a circuit of five before I arrived. I passed a range of square stones, which form the boundary between the Milanese and the country of the Grisons; on one side of each stone was inscribed *Stato di Milano*, on the other *Grigioni*: they were put up, as the date informed me, in 1763, the year in which the treaty, or the *capitulation* of Milan, was concluded between the Empress of Germany, as sovereign of Milan, and the Grisons. By this treaty the limits of the two states were finally settled; and several other subjects of dispute amicably adjusted. Having reached the Adda, which, for a short space, makes the line of separation between the Milanese and Grisons, I walked along its banks; its stream is muddy, and navigable only by rafts. Most of the maps of the lake of Como are erroneous, in representing that lake and the *Laghetto di Chiavenna* as one great piece of water, and the Adda as flowing into the former; whereas the two lakes are distinct bodies, and the Adda joins a small stream which issues from the *Laghetto*, and thus united falls into the lake of Como.

I embarked near Dacio, the last village in the Milanese, at which place all boats laden with merchandise are obliged to pay a small duty. Soon afterwards I entered the lake of Chiavenna, which belongs to the Grisons. The views of this lake are extremely wild and magnificent; surrounded as it is with barren rocks, craggy, and rising into spires sprinkled with snow: the bases of the dreadful precipices are lost in the dead and overshadowed water, dangerous on account of its malignant vapours, and affording no asylum, scarcely a landing-place, to the crews of those frail boats caught unwarily in the violent storms to which it is subject. I landed at Riva, which consists of a few scattered cottages and warehouses, and having procured some horses, proceeded to Chiavenna by moon-light. The villages were almost deserted, and the inhabitants withdrawn to the mountains. The people in general are so greatly alarmed at the unwholesome state of the air in this season, that the watermen who rowed me from Como, although exceedingly fatigued, went back to Domasio, and exerted all their eloquence to dissuade me from my first intention of remaining in the plain: overcome by their repeated importunities, I pursued my journey to Chiavenna. Indeed no other proof of the tainted air is requisite

requisite than the aspect of the inhabitants; the few peasants whom I met in the villages, as well near the Fort of Fuentes as in the valley of Chiavenna, were mostly wan and livid. The narrow valley through which I passed from the lake to Chiavenna, is enclosed between the first and lowest chain of the Rhetian Alps; it is watered by the torrent Maira, and produces Turkish wheat, pasture, chestnuts, and mulberry-trees, together with a great abundance of willows. The ascent is rapid to Chiavenna, which is built in a higher and more wholesome situation.

LETTER 69.

Plurs—Its Destruction in the last Century by a Fall of a Mountain—Valley of Pregalia.

July 25.

MY last letter left me at Chiavenna, of which town I defer sending you any description, as I propose returning there in my way to Coire. The morning after my arrival, I rode about four miles, to the spot formerly occupied by the town of Piuro, or Plurs, which was totally
over-

overwhelmed by the fall of mount Conto. This terrible catastrophe happened on the 25th of August 1618.

Plurs was a large and flourishing town, subject, as well as Chiavenna, to the Grisons. Contemporary writers mention, that it contained three churches, many large houses, and a stone bridge over the Maira, and that its population amounted to at least 1500 inhabitants, who carried on no inconsiderable commerce. The valley in which it was situated is very narrow, and the whole town was buried in one undistinguished ruin. A contemporary account relates, that the cloud of dust and rubbish was so great as to cover the heavens like smoke, and even to extend as far as Chiavenna; the inhabitants of which place alarmed at this phenomenon, were still more terrified at the sudden disappearance of the Maira, (whose course was stopped by the fallen fragments of rock,) and apprehensive that the torrent had undermined Chiavenna, precipitately fled in great numbers to the mountains.

I walked over the spot where Plurs was built: parts of the antient walls, and the ruins of a country house, which belonged to the Franchi, the richest family in the place, are the only remains of its former existence; and these would not be noticed by a passenger. A peasant, who has a
cottage

cottage close to the ruins, pointed out to me every place, as it had been explained to him by his grandfather. He shewed me where stood the churches and principal houses, the channel through which the river then flowed, and where the bridge was constructed. He informed me, that in digging, several dead bodies had been found; particularly the bones of a priest, covered with shreds of garments, which indicated that he was employed in divine service when the rock overwhelmed the town. Household utensils are frequently dug up; the other day several corpses were discovered, and on the finger bone of one were a silver and two gold rings. Vineyards, chestnut trees, and houses, cover the spot where this unfortunate town was once situated.

The valley in this part has an oval appearance, and is skirted by a beautiful grove of chestnut-trees; the surrounding mountains are steep and rugged, and from the top of mount Savonne, *l'acqua fragia*, a considerable torrent, precipitates itself, at first in a full unbroken stream, and afterwards divides into three separate falls, highly ornamental to the beautiful scenery.

I next followed my guide to the house of a gentleman near Chiavenna, to see a drawing of Plurs before it was overwhelmed; his ancestors had large possessions, and were the

the richest family in the town. The master of the house shewed me the picture, and explained to me the situation of the different buildings. He then politely accompanied me through his grounds to a manufactory of stone-pots called *Lavezzi*, which are made near Chiavenna, and much used for kitchen utensils throughout these countries, and some parts of Italy. This manufacture is very antient: Pliny mentions the stone * under the denomination of *lapis Comensis*, because the pots were sent to Como, and there exported.

These utensils are made by the following process: the workmen hew from the quarry semicircular blocks of stone, from which, with an instrument resembling that used by turners, they hollow a vessel about a foot in diameter. From the remaining mass they frame another of inferior dimensions, and continue their operation till they have produced a series of semicircular pots, gradually decreasing to the size of a small basin. From Plurs I continued along the valley

* *Lapis Ollaris*.—Pliny's *Lapis Comensis* is classed by Wallerius among the steatites, by Linnæus among the talcs. It is opaque, unctuous to the touch, and composed of mica and steatites. When first taken from the quarry it is easily cut and turned; on being exposed to the air it hardens, but will take no polish.

of Santa Croce, and entered the country of the Grisons at the small village of Casta Segna, in Pregalia.

At Bondo, which is a small village in the valley of Pregalia, Count de Salis, formerly British envoy to the Grisons, has constructed a large and commodious house, entirely fitted up in the English taste. It is situated at the extremity of a small plain scarcely half a mile in length, and about four hundred paces broad, bounded on each side by a chain of the Rhetian Alps, whose sides are covered with forests intermixed with luxuriant pasture. The plain is enclosed by some rugged rocks, behind which others shoot to an enormous height, crowned with perpetual snow; this little plain produces excellent pasture, barley, rye, vegetables of all sorts, and some fruit-trees. Through it dashes the torrent Maira over broken fragments of rock.

I rambled about the valley of Pregalia and the neighbouring mountains; and observed the domestic œconomy of the peasants. Their chief food is salt meat, rye bread, milk, cheese, polenta, and chesnuts, which are so plentiful at this season of the year, that they make a principal ingredient in all their meals: the most common methods of dressing them are to boil, and serve them up with crumbs of bread, or to grind them

them to a paste, and then heat them with milk. The peasants are well clothed. They manufacture linen and coarse cloth at home, every family having a loom, which is worked in the winter season; the finer cloth, which they wear only on Sundays and festivals, is procured from Germany.

The valley of Pregalia reaches from the Podesteria of Plurs to the confines of Upper Engadina, and contains about 1800 inhabitants: it is a high jurisdiction in the league of God's House, and is divided into the two independent communities of *Sopra* and *Sotto Porta*; so denominated from a wall with an opening called *Porta*, through which the road passes, and which separates the valley into two equal parts. These two communities enjoy a democratical form of government: a short account of which will convey some idea of the mode in which the administration of affairs is carried on in these little states.

Each community has its general assembly, in which the sovereign power is vested; every male at the age of eighteen has a vote: in each of these assemblies the magistrates and representatives to the general diet are chosen by the majority of voices; instructions are given to the representatives; and all appeals from the diet

decided in the last resort. For civil causes, the two communities have separate tribunals, composed of the *Landamman*, who is president, and twelve assistants; and an appeal lies from one to the other. For criminal affairs, there is one court of justice, composed of a *Podesta*, and an equal number of judges from each community. The *podesta* is thus chosen; each community appoints two persons, who nominate nine others, and these nine chuse two candidates, who draw lots for the office. The same person is not unfrequently nominated *Podesta* by both parties; and then it is decided by lot, to which he belongs. This criminal court of justice is always held at Vico Soprano, in Sopra Porta. In all delinquencies the punishments are extraordinarily severe, and the remission or alleviation is entirely left to the judges, who generally take a commutation in fines; so that if the criminal is poor, he undergoes the punishment, if rich, he redeems himself by money.

LETTER 70.

Description of the Marmot.

THE marmot is extremely common in the mountains of Switzerland, and particularly in this part of the Grisons; and, as many erroneous accounts of this sagacious little animal have been given, I shall send you an extract, selected from a description written in the German tongue, by Dr. Girtaner*.

The marmot inhabits the highest and most inaccessible mountains, prefers the narrow valleys, and particularly the western or southern aspect, as the warmest, and avoids moist places. After sleeping during winter, he issues from his hole, at the opening of spring, and descends to the lower regions where vegetation is forward. In summer he again ascends the rocky heights, and frequents solitary caverns. He feeds upon herbs and roots, and particularly on the alpine plantain, mountain spignel, alpine ladies mantle, mountain forrel, alpine toad-flax, alpine trefoil,

* A French translation of this account is given in Rozier's Journal for 1786.

and alpine starwort *; when tame, he eats almost every thing except flesh. On drinking, he raises up his head like fowls at every sip, looking on each side with timorous watchfulness; he drinks but little, and is extremely fond of butter and milk.

At break of day the old marmots come out of their holes and feed; afterwards they bring out their young ones, who scamper on all sides, chase each other, sit on their hind feet, and remain in that posture, facing the sun, with an air expressive of satisfaction. They are particularly fond of warmth, and when they think themselves secure, will bask in the sun for several hours. Before they collect grass either for food, or for their winter habitations, they form themselves into a circle, sitting on their hind legs, and reconnoitre on all sides; on the least alarm, the first gives instantly a shrill cry, which is communicated from one to the other, and they escape without repeating the noise. The chasseurs, by imitating these successive whistlings, approach so near as to come within shot of them.

* *Plantago alpina*, *Pbellandrium mutellina*, *Alchemilla alpina*, *Rumex digynus*, *Antirrhinum alpinum*, *Trifolium alpinum*, *Aster alpinus*.

The marmot has a quick eye, and discovers the enemy at a considerable distance. He never does the least injury to any animal, and flies when he is pursued. In fact, when apprehensive of being followed, whole families quit their dwellings, and wander from mountain to mountain; but when flight is impossible, they defend themselves with spirit against men and dogs, and attack all who approach them with their teeth and claws.

They live together in societies. They have both summer and winter dwellings, which are easily distinguished. The former remain open during the whole year; whereas the latter are closed at the end of September. In the summer dwellings is found dung in great abundance, but no hay; on the contrary, the winter habitations never contain any dung, but much hay; near the latter is perceived a more considerable quantity of earth, which annually increases according to the size of the dwelling, and the augmentation of the family.

In the formation of their dwellings they scoop out the earth with great dexterity and expedition; a small part they throw away, and by beating the remainder close, render the passage very compact and solid. The opening being scarcely more than six or seven inches in diameter, is just large
C 4 enough

enough to admit the animal. The interior is from eight to twenty feet in length; it consists of a passage, which, at about five or six feet from the entrance, divides into two branches; the one leading to a small cavity, the other to the chamber in which they repose. The passage, and the two branches, are always carried in a straight line, unless the intervention of a rock, or any other impediment, obliges them to take another direction. The chamber is round or oval, arched at top, and resembles the shape of an oven; it is from three to seven feet in diameter, and is strewn with hay, in which the marmots lie in a dormant state during the whole winter.

On retiring to this dwelling about the beginning of October, they carefully close the entrance so as to exclude all air, with a cement of earth mixed with stones and hay. On opening this chamber three weeks after it is closed, the marmots are discovered lying on the hay close to each other, and rolled up like hedge-hogs, without the least appearance of life. Usually from five to sixteen are found together; sometimes, but rarely, two families occupy the same dwelling, and occasionally, but very seldom, one marmot has been discovered alone. If exposed to warmth they awaken. The tame marmots do
not

not sleep during winter ; but on the approach of that season, excited by instinct, collect materials towards constructing their dwellings. The wild marmots occupy their winter habitation in October, and quit it towards the latter end of March or the beginning of April. In removing the cement which closes the opening, they do not push it outwards, but draw it inwards, and probably convey the materials, which would block up the principal passage, into the small cavity.

They copulate soon after coming out : in June or July young ones have been observed, about the size of rats.

It is probable that they do not eat during their torpid state ; for the same quantity of hay is observed both in spring and autumn in their winter habitations, and those which have been dug out in that season are thin and perfectly empty. The flesh of the marmot is eatable, and its skin is used for furs.

LETTER 71.

*Passage of the Malloggia—Lake of Siglio—Selva
Piana and St. Morezzo—Expedition to the Ju-
lian Columns—Bevio.*

St. Morezzo, July 31.

THE road through Pregalia to Coire admits carriages, but is very indifferently paved. I passed through the village Promontogno, then through the Porta, to Stampa, Vico-Soprano, Borgo Nuovo, and Cafaucia. The houses in this valley are of stone, plastered and white-washed; are not scattered, as in the small cantons of Switzerland; but every half mile a cluster of habitations presents itself.

Beyond Bondo the country produces no more chestnut trees, but principally larch and firs; it yields grass, barley, and rye. Near Cafaucia is the barren and lofty mountain of Set. I here quitted the high road, which turns towards Coire, and about a mile and a half further where the valley terminates, I began to mount a very steep ascent, by the side of the torrent Maira, which rushes amidst a forest of firs; it descends from the glacier of the Malin, a ridge of Alps separating

rating the Valteline from the country of the Grisons. A little further I reached the top of the Malloggia, and observed the Orlenga, a glistening torrent, falling from the Lungin mountain, and forming the remotest source of the Inn. The Malloggia is the point of partition, dividing the waters which run towards the Black Sea, from those which flow into the Adriatic. The tops of the circumjacent mountains are mostly rugged, and covered with snow: lower down they are enlivened with under-wood, firs, and pasture.

I stopped at a single house, a kind of inn, where travellers are accommodated. The landlord and his family speak an Italian jargon, similar to the Milanese dialect, which is common in Pregalia. The next place is Siglio, in Upper Engadina, where Romansh is the general tongue. On inquiring whether it was similar to the Italian, spoken in Pregalia, the landlord informed me, that the two languages are totally different; and the servant assured me, that she could scarcely comprehend a word which was uttered by the inhabitants of Siglio. From Malloggia I descended, crossed the Orlenga, and continued along the banks of the lake of Siglio; the way was bad and craggy until I came to the confines of Engadina, where an excellent road commenced.

The

The small lake of Siglio is about five miles in circumference, and finely situated between high perpendicular rocks; it takes its name from Siglio, which we left at a little distance on our right. I crossed the Inn soon after it issues from the lake, and pursued my course over the dry bed of the torrent Fait, which formerly flowed into the Inn; but has lately changed its course, and now falls into the lake of Selva Piana. These torrents often shift their channels; and I could observe evident traces, that some of them had at former periods watered the small plain between the lakes of Siglio and Selva Piana. The village of that name stands pleasantly upon a small rising ground, and the lake, though much smaller than that of Siglio, far surpasses it in the beauty of its banks, which are fringed with hanging groves of fir and larch. From this lake the Inn issues in a larger stream, falls again at a little distance into the lake of St. Morezzo, from whence it dashes through a deep rocky channel into the plain of Celerina, where it flows in a more tranquil current. These little plains, or valleys, are broader and longer than that of Bondo, and produce as much grass, which is now mowing.

At Selva Piana, I attempted to converse with some of the inhabitants, but could scarcely com-
prehend

prehend them; I have been endeavouring also to talk with the natives of this place. Many speak Italian, as it is much frequented by strangers for the sake of the waters; but the greater part understand nothing but Romansh. This morning being Sunday I attended divine service; the clergyman preached in the language of the country, and I could comprehend little more than that the text was in the 22d chapter of St. Luke. The sermon, which is the principal part of the service, was about an hour long; the prayers were short, the girls sung psalms; some of them had delightful voices, and performed with great taste and propriety, a proof of their neighbourhood to Italy.

St. Morezzo, or as it is most commonly called St. Maurice, stands agreeably upon the side of a hill, overlooking a small lake, which lies in the bosom of the mountains, and is bounded by rising banks, studded with wood and pasture. This village is remarkable for a plentiful spring of mineral water, much esteemed for its efficacy in curing several disorders; it issues from the ground about the distance of half a mile on the other side of the river Inn, is a very plentiful source, and strongly impregnated with vitriol. On plunging Reaumur's thermometer into the source, it sunk from 12 to $4\frac{1}{2}$. I was informed

that from repeated observations, the thermometer varied according to the greater or less degree of rain; but upon an average the mercury generally stood between 4 and 7.

I am lodged in one of the boarding-houses, which abound in this place, for the accommodation of persons who drink the waters. The company at table consist, at present, of only two merchants of Appenzel, who are established at Genoa, and a clergyman of Lower Engadina. As I soon discovered the clergyman to be an intelligent man, I discoursed with him upon the state of religion among the reformed part of the Grisons, and particularly relating to the *Pietists*, a sect which has lately made great progress in these parts. From the account given by the clergyman, who evidently leaned towards their opinions, these Pietists appear similar to our Methodists: they exalt faith above good works, affect to be uncommonly rigid and pious, condemn all diversions, card-playing, and assemblies, as criminal; frequently despair of salvation, fancy visions, enjoy supernatural inward illuminations, and employ so much time in prayer as to neglect their ordinary business. The clergymen of this sect are for the most part ignorant and superficial, are vehemently vociferous in the pulpit, thunder out reprobation, and

and expatiate upon justification, without explaining the methods of avoiding the one, and of obtaining the other.

These preachers, notwithstanding their affectation of a total indifference to worldly matters, do not confine their views merely to theological speculations, but pay a considerable degree of attention to political affairs; and as, by means of their authority in religious concerns, they possess a considerable influence over the votes of their parishioners, they are on that account much carested and countenanced by several leading persons among the Grisons.

The dress of the women is singular, and not unbecoming; it consists of a black or blue jacket with red sleeves, striped blue and white petticoats, a small black velvet cap trimmed with gold or silver lace, with a black or white lace border hanging over the forehead.

From St. Morezzo I made an excursion to the Julian Columns, of which Scheuzer has given a description and an engraving in his *Itinera Alpina*: he supposes them to have been erected by Julius Cæsar, in order to mark the limits of his conquests in these parts, and asserts that, *Ne plus ultra*, and *Omitto Rhetos indomitos*, are inscribed upon them.

After

After passing Selva Piana, I turned up a path which leads to the Julian Alps, continued about two hours over rugged rocks, and reached the Julian columns, if they deserve so dignified an appellation. They are of a circular shape, somewhat similar to the Roman mile-stones, placed at the distance of about forty feet from each other. Their height above the ground is four feet, and they seem to be buried a foot, or scarcely so much: their circumference is about five feet. They have neither pedestals nor capitals, and are flattish at top, with a small round hole in the middle four inches diameter and six deep; they were formed by art, but in the rudest manner, and do not contain the smallest traces of any inscription. We have no reason therefore to conclude, that these pillars were erected by Julius Cæsar to ascertain the boundary of his conquests, or at least we have no proofs upon which we can depend for the truth of this popular story. I do not however regret, that I made the excursion; for my curiosity, disappointed in a view of the pillars, has been gratified in visiting these wild and romantic Alps.

The Julian Alps produce much pasture, but no wood, which is a proof of their great elevation. Near the stones just described is a piece of
water

water called the Julian lake; it is supplied from a glacier on a superincumbent mountain, from which a torrent descends to the lake of Selva Piana, and may be considered as a source of the Inn.

I soon afterwards stopped at a cottage, the only house in the whole extent of these Alps; it is not occupied but during summer; the tenants every night house the cattle that graze upon these mountains, and make large quantities of butter and cheese. Having taken a refreshing bowl of thick cream, I began my descent, and observed numerous small streams; some issuing from the rocks, others falling from the glaciers, and forming the first sources of the Little Rhine. The path was so steep and craggy, that I gave my horse to the guide, and preferred walking; about five miles from the pillars, I arrived at Bevio a small village upon the Little Rhine, in the high road leading to Coire. Every one being employed in hay-making, I could not gain admittance into the inn; some friars, however, offered me their house and dinner, and prevented me from returning, as I had proposed, to the cottage upon the Julian Alps.

On questioning these friars concerning the constitution of the republic of Bevio, they informed me that Bevio and Valmorara form one

community, governed by eleven magistrates, though the number of voters who appoint these magistrates scarcely exceeds forty: the chief is called *Ministrale*, and is confirmed every year; for which act of politeness each voter annually receives a florin. About one-third of the merchandise from Como to Coire passes by Bevio, but the greater part is sent by Splügen. After dinner I returned over the Julian Alps to St. Morezzo.

LETTER 72.

Upper Engadina—Bever—Zutz—Scampf.

Zutz, August 2.

THE ride from St. Morezzo to Zutz, through Celerina, Samada, Ponto, and Madulein, is extremely pleasant. These villages lie chiefly upon the sides of the mountains gently rising above a plain, which in some parts is a mile broad, in others so narrow as to be entirely occupied by the Inn. The valley is enclosed on both sides by a chain of Alps, covered for a considerable height with wood interspersed with

with pasture, and capped with snow. The river, which here is free from cataracts, is joined by innumerable torrents, that rush down the sides of the rocks, or burst from the ground.

The Inn, during its progress in this part, is very unlike most of the rivers which I traced in my former tour. The Rhone, the Reufs, and the Aar, for instance, fall, near their sources, in a continual cataract, over fragments of rock, and through the most wild and uninhabited tracts of country; while this river directs its course through a cultivated and populous district, in an equable unbroken stream. The country is picturesque, and its beauties of a milder cast than usual in these Alpine regions. The burghs, or villages, are pleasantly dotted about the plain, at the distance of a mile from each other; each village consists of a cluster of fifty or a hundred houses, of stone plastered and whitewashed, and in such excellent repair, as to appear newly constructed. The spirit of neatness indeed is so general in Upper Engadina, that I scarcely observed one bad house through the whole district, and even the barns are as good as the cottages in many countries.

As I was riding through Bever, the clergyman, who was smoking his pipe at his door, stopped me with a compliment, and invited me

to see his library; I alighted accordingly and looked over his collection. He shewed me some English books, and many in the Romanish language, particularly the * Bible printed at Coire, which is dedicated to George the Second when Prince of Wales. He also obligingly accompanied me a little way; and about half a mile from Bever pointed out a single house called Alles Angnes, where the deputies of the two communities of Upper Engadina assemble for the purpose of deciding, in the last resort, appeals in civil causes. A little further he desired me to observe a small spring, which falls into the Inn a few paces from its source; it is called Fontana Merla, and would not be worthy of notice, did it not separate the two communities of Upper Engadina. Soon afterwards I took leave of the clergyman, mounted my horse, and proceeded to Zutz. I passed the Inn several times, over bridges of single arches, which have a very striking appearance; they were constructed by scholars of the famous Grubenman†, and in the same style of architecture as the bridges of Schaffhausen and Wettingen, excepting that they are not covered.

* This Bible is in the dialect of the Grey League.

† See Vol. I. Lett. 2. and 13.

Zutz, although not the largest, is esteemed the principal place of Upper Engadina, because it contains the criminal court of justice. The Landamman of Sotto Fontana Merla, who always presides in this court, is chosen every other turn from the family of Planta, established at Zutz: this peculiar privilege, which gives to that family no inconsiderable influence in the political affairs of this country, was formerly granted by a bishop of Coire, who was uncle to one of the Plantas. On my arrival at Zutz, I waited upon M. Planta, formerly Envoy from the Republic of the Grisons to that of Venice; he was appointed to that embassy in order to renew the antient league which had been interrupted by the last treaty of 1763, between the Empress of Germany and the Grisons; and on which occasion the Venetians were so much enraged, as to expel the Grisons from their territories. This negotiation, however, though conducted with great ability, was ineffectual. M. Planta received me with great politeness and cordiality, and invited me to supper, and as the evening was not set in, he accompanied me to what is called the camp of Drusus, which I was desirous of examining.

You recollect the campaign which Drusus, the adopted son of Augustus, and brother of Tibe-

rius, carried on against the fierce inhabitants of these mountainous countries; and to which Horace, in compliment to his patron, has alluded:

*Videre Rhæti bella sub Alpibus
Drusum gerentem et Vindelici;*

—— arces

*Alpibus impositas tremendas
Dejecit acer plus vice simplici.*

This campaign of Drusus against the Rhetians was attended with great success, and he defeated the barbarous inhabitants, before deemed unconquerable, (*indomitosque Rhætos*) with great slaughter. The supposed remains of his camp consist of several deep pits, and a mound of earth about thirty feet high and sixty paces in circumference. These works did not appear to me to be of Roman construction; being probably a rude fortification thrown up during the turbulent times, when the barons of the country were engaged in perpetual acts of hostility: a desire to render them venerable by the remoteness of their origin, and the splendour of the Roman name, seems the only cause of their being attributed to Drusus. Having satisfied my curiosity, I returned to Zutz, and passed an agreeable evening with M. Planta.

Scampf, August 3.

The little burghs in these parts are situated at such small distances from each other, that my daily journeys are scarcely so much as a morning's walk; and I am so delighted with the country and its inhabitants, that I could willingly take up my abode here for some time longer. On my arrival at Scampf, I carried a letter of recommendation to M. Perini; who introduced me to M. Aporta, the clergyman of the place, a native of Lower Engadina, of the antient and illustrious family of Aporta. He studied * some time at Deprezin, in Hungary; but returning to his native country, was soon afterwards appointed pastor of Scampf. His income is small, scarcely amounting to £. 20 † per annum, and yet his living is esteemed one of the best in Engadina; with this moderate revenue he maintains a wife and large family. His chief work, which is a sufficient proof of his extensive knowledge, and indefatigable industry, is the History of the Reformation among the Grisons, in two volumes quarto. It is written in Latin,

* He received his education, I believe, in the University of Basle.

† Considering the different modes of living, and different value of money, this sum is perhaps equivalent to about £. 60 in England.

and compiled with great impartiality and exactness; the style is classical and perspicuous. This excellent publication is not merely confined to ecclesiastical transactions; for as the affairs of religion are intimately blended with political events, the latter make no inconsiderable figure in every History of the Reformation. The reader will find in M. Aporta's performance a minute and faithful account of the animosities between France and Spain, in relation to the Grisons, of the rebellion in the Valteline, of the massacre of the Protestants, and of the subsequent war carried on under the semblance of religion. This interesting narrative comprehends almost all the important events in the history of the Grisons, from the beginning of the reformation to the peace of the Valteline.

I look up with reverence to this learned author, for his unwearied industry in completing so laborious a work with little encouragement, and under all the disadvantages which arise from a difficulty of procuring books, and straitened circumstances. All that he ever obtained, except fame, was a present of twenty-five guineas, which enabled him to bear his expences to Zurich, for the purpose of collecting materials from the manuscripts in the public library. The work, printed at Coire, at the expence of the typographical society,

society, has never produced any emolument to the author. This respectable divine, beside a critical knowledge of the learned languages, understands and speaks Italian and German, is able to read French, and has some acquaintance with the Hungarian and Wallachian tongues. During the little time I passed in his company, I had frequent occasion to be surprised at his profound erudition and comprehensive abilities, and I am particularly indebted to him for much exact information concerning the Romanish tongue, the general purport of which I shall transmit to you in a future letter *.

Upper Engadina is divided into two communities, called Sotto and Sopra Fontana Merla, from their situation above or below that spring. They have both the same court of criminal justice, which is held at Zutz, and consists of the Landamman of Sotto, who is president, and sixteen jurymen, called Trouadors, taken equally from each district. Justice is more equitably administered in this court than in any other throughout the Grisons, excepting at Coire; a circumstance which arises from the following causes. The code of criminal laws was composed in 1563 by Juvalta who had been envoy from the Republic of the Grisons to Venice,

* Letter 90.

and had there imbibed more enlarged conceptions of jurisprudence, than at that time prevailed among his rude countrymen. This excellent code was drawn up in Latin, and in 1644 was translated into Romanish. The fines enjoined for criminal offences do not belong to the judges, but to the community; the expences of the process are defrayed, and a salary is allowed to the judges from the public fund: the judges by these means, being not so much interested to convict the prisoner, are not so ready to employ the horrid expedient of torture for the purpose of enforcing confession.

Another cause of the equity observable in this court is the mode of electing the judges: they are not, as in many other communities, chosen by the people collectively assembled, but by sixteen deputies who represent the several districts. By these means the election is carried on with more prudence, and with a greater attention to the qualifications of the judges, than can be expected amidst the confusion of a popular meeting.

The same deputies chuse all the civil magistrates by a majority of voices, and finally decide all legislative and political questions, which have before been separately proposed to their several districts. Their constituents have the
power.

power (which they frequently exercise) of peremptorily directing their vote. It is, however, no inconsiderable alleviation of the mischiefs frequently attendant on governments purely democratical, that the whole body of the populace on no occasion assemble upon one spot; but discuss matters in detached parties, and send the result of their deliberations by their representatives.

Upper Engadina is a very beautiful valley, yet, on account of its elevation, produces nothing but pasture and a small quantity of rye and barley. The winter sets in early and ends late, during which time sledges are the ordinary vehicles. The air, even at the present season, is cold and piercing, and the corn in the midst of summer is occasionally much damaged by the hoar-frosts; hence the Italian proverb,

* *Engadina Terra Fina, se non fosse la pruina.*

The district not yielding sufficient productions for the sustenance of the inhabitants, many migrate into foreign countries; the gentry in the military line, as is common in Switzerland; others in the capacity of mechanics, tradesmen,

* Engadina would be a fine country if there was no hoar-frost.

and

and merchants, their favourite occupation is to keep coffee-houses or pastry-cook shops in different parts of Italy and France. Generally two persons enter into partnership to carry on the same trade; one remains in his own country, the other attends the business for a year, when he is relieved by his partner, and returns to his family for the same term. These partners are commonly as faithful as industrious; they annually bring considerable sums of money into this district, which is esteemed the richest among the Grisons.

Many of the inhabitants feed numerous herds of cattle in the summer months upon the Upper Alps, and export large quantities of cheese and butter; in autumn, when pasture begins to be scarce, they send great part of the cattle for sale into the Tyrol. They live much upon salted meat, particularly in winter, on account of the dearth of fodder. The bread of the country is mostly brownish; it is baked in little round cakes, only two or three times in the year, and becomes so hard that it is sometimes broken with the hatchet; it is not an unpleasant food with cheese or butter, which are very common. The principal part of the butter is made on the Alps; it is afterwards melted, put into bottles, and frequently continues good during
the

the whole year. The wine of the Valteline is much esteemed, and is by no means scarce in this country: it bears keeping to a very considerable age; I have tasted some wine from the cask, of a very fine flavour, about fifty years old, although it grows sour in the space of three years in the warm climate of the Valteline.

The people are, for the most part, remarkably polite and well-bred; they bow to me as I pass with great civility, and will perform any kind of offices in the readiest and most obliging manner. I am indeed no less delighted with the politeness and hospitality of the inhabitants, than with the romantic scenery of the country. Although many of the natives spend a great portion of their time in foreign parts, they seldom lose their attachment to Engadina; and return with great eagerness to their family and friends, after their occasional absence.

The inhabitants of Upper Engadina are computed at about four thousand, and out of these, four or five hundred, upon an average, earn their livelihood in foreign countries.

LETTER 73.

*Lower Engadina—Cernetz—Huldric—Campel—
Trasp—Remus—Entrance into the Tyrol—
Santa Maria.*

Cernetz, August 4.

THE valley of Upper Engadina, from Celerina to a few miles beyond Scampf, is nearly level; it is enclosed between two ridges of mountains, which are most elevated at Celerina, and gradually diminish in height and ruggedness. About Zutz and Scampf is the finest part of the valley: it there produces some rye and barley, and the mountains are clothed with verdure to their very summits. Beyond Scampf the plain ends; and the river Inn, which had hitherto winded in a gentle course, is contracted into a narrow channel, and falls in continual cataracts. The road ascends and descends along the sides of the mountains, and the country is thickly over-spread with woods of fir and pines.

I passed through several villages, similar to those described in the preceding letter; and near Brail I crossed a small bridge thrown over a precipice, overlooking a foaming cataract:
it

it is called in the language of the country *Pont Alta*, or High Bridge, and forms the separation between Upper and Lower Engadina. Even if the limits of the two districts had not been thus marked out, the sudden alteration of the road, for the worse, would have led me to suspect that I had quitted Upper Engadina. The road from the lake of Siglio to Pont Alta is like our turnpikes in England, and sufficiently broad to contain two or three carriages abreast; no common circumstance in these mountainous regions. It has been lately made, in consequence of a proposal from the House of Austria, at the late treaty of Milan, to improve the roads leading through the Pregalia and the two Engadinas, that the merchandise to and from Pregalia might be transported this way through the Tyrol, instead of being carried, as it is at present, through Coire.

The House of Austria offered to defray the whole expence of this undertaking. The inhabitants of Upper Engadina declined, with a spirit of disinterestedness rarely to be found in democratical states, the offer of indemnification, carried the plan into execution within their own territories; but the intrigues of the citizens of Coire, whose interest would have suffered by the new arrangement, together with an inveterate persuasion,

persuasion, that good roads would render the country too accessible to the neighbouring powers, prevented the people of Pregalia and Lower Engadina from co-operating in this useful project; accordingly that part of this road, which runs through their districts, remains in its original state.

After crossing Pont Alta, I passed along a wild and almost uninhabited tract of forest until I reached Cernetz, where I am now comfortably lodged in the house of M. Planta. That gentleman is at his government of Morbegno, in the Valteline; but having accidentally met me at Chiavenna, he kindly gave me a letter of recommendation to his uncle, who would not permit me to continue at the inn.

Cernetz is situated in a small rich plain, bounded by two ridges of mountains converging at both extremities: it produces wheat, barley, rye, flax, and abundance of rich pasture. I feel an essential difference between the climate of this little plain and that of Upper Engadina; it is much warmer, and has all its natural productions much farther advanced towards maturity. Large quantities of wood are felled upon these mountains, and floated down the Inn as far as Inspruck. In this plain the Inn is joined by the large torrent Spælg, that descends from

the mountains of Bormio ; by the side of this torrent, and at the extremity of a narrow pass leading to Bormio and Munster, I observed a square tower, which in 1624 the Marquis de Cæuvres garrisoned with a body of French and Grison troops, in order to check the Austrian army posted at Munster. The pass is still further fortified by a stone wall, carried from the foot of an inaccessible rock to the tower, and from thence to the torrent.

The Marquis de Cæuvres, to whom the guard of this important pass was committed, was son of the Marquis d'Etrées ; he was bred up to the church, and created bishop of Noyon ; but upon the death of his elder brother renounced the ecclesiastical line, and embraced the profession of arms. He distinguished himself in several campaigns under Henry the Fourth, and was afterwards employed in the reign of Louis the Thirteenth as ambassador to Turin and Rome. In 1624 he was appointed ambassador extraordinary to the Republic of the Grisons, and commander in chief of an army, of French and Swiss troops, sent to the assistance of the Grisons during the war of the Valteline. He penetrated through Coire into Lower Engadina, and seized, without delay, this important pass ; by which manœuvre

he secured the only avenue leading to Bormio, the reduction of which place was followed by the submission of the Valteline. For these important services the Marquis, on his return to France, was created Duc d'Etrées, and raised to the highest honours. He died in 1670, in the 102d year of his age.

I employed the greater part of this morning in making extracts from Campel's account of the Grisons, esteemed the best topographical and political history of this country yet extant. It is written in Latin, has never been printed, and is very rarely met with. I had the good fortune to find a copy in the library of Count Firmian, at Milan, who with that readiness to oblige, which peculiarly distinguished his character, permitted me to consult it. My stay at Milan being very short, and employed in other researches, I had not made so good an use of this indulgence as I could have wished; and as I have now found the same work in M. Planta's library, I embrace this opportunity of perusing the most interesting parts, which has given me great insight into the geography, history, and governments of this country.

Huldric Campel, the author of this valuable work, was born, in the beginning of the sixteenth century,

century, at Sufs, in Lower Engadina, and made an uncommon proficiency in every species of literature. He was one of the earliest reformers in this country, and became by his active zeal, as well as by his extensive erudition, the chief instrument in spreading the reformation through this district. An event of small consequence which happened in his family, gave rise to the sudden and wide dissemination of the new doctrines, and ended in the abolition of the Roman Catholic religion.

Being absent, in 1537, upon the prosecution of his studies, his wife was delivered of a daughter, who seemed upon the point of expiring. Gaspar Campel, father of Huldric, a man strongly attached to the reformed doctrines, refused to have the child christened by the Popish priest of the parish, and would not suffer even the midwives to sprinkle it, according to the custom of the Romish church, with holy water; and, as there was no reformed minister at hand, performed the ceremony of baptism himself. The Roman Catholics of Sufs, in abhorrence of this act, assembled in a tumultuous manner, and attacked Gaspar with such fury, that he narrowly escaped assassination. His enemies then brought an accusation against him before the diet, which at first referred the cause to arbitra-

tion ; but no satisfactory decision being obtained, a public conference was ordered to be held in the church of Sufs, before deputies from the several communities, upon the following question, “ Whether, if a child is born and likely to die before a priest can be sent for, the baptism performed by a layman was preferable to that by midwives ? ”

This ridiculous inquiry led to discussions of great moment ; the reformed ministers refused to acknowledge any authority but the Holy Scriptures ; while the Catholics considered the writings of the fathers and decrees of the church as infallible. Each party, thus regarding every point through a different medium, could not be induced to admit the arguments of its antagonist, and the dispute lasted seven days with little prospect of a satisfactory conclusion. Fortunately, however, an accommodation was summarily adjusted by the moderation of the deputies ; they decided, that in cases of extreme necessity, where no priest was present, either a layman or the midwives might baptise, and that the layman was preferable to the midwife : but what was of the greatest consequence, they decreed that in regard to the other controverted points of faith debated in the course of the argument, every person might safely hold that doctrine,

trine, which from full conviction he was persuaded to be the word of God.

This conference was productive of the most beneficial effects; for the people, who flocked thither in great numbers, were taught to consider the Holy Scriptures as the only authority in controverted questions. The tendency of this maxim is obvious; in fact it produced such rapid effects, that within the space of twenty years the Reformation was completely established throughout * Engadina.

To return to Huldric Campel; he not only approved his father's conduct in the affair of his daughter's baptism, but became a zealous proselyte to the new doctrines. Having entered into holy orders, he undertook the care of a reformed church in the valley of Pretigau, where he was indefatigable in the performance of his duty, and the propagation of the Protestant religion. In 1550 he was drawn to Sufs by the friends of the Reformation, as a person the most qualified to combat the Roman Catholic church. His labours were attended with such success, that, a short time after his appearance in his native place, mass was abolished, and the Reformation publicly adopted. Nor was Sufs the sole theatre

* Excepting the small village of Samun.

of his exertions; at Cernetz, and several other places, the persuasion of his eloquence, and the force of his arguments, gained numerous converts.

He passed the decline of his life at Schlins, where he was pastor, and persevered to the last period of his existence in disseminating and defending the doctrine of the reformed churches, as ably with his eloquence as he recommended them by his example. Amidst the occupation of religious duties, he found leisure to continue his history of the Grisons to 1580. He died the following* year at Schlins in an extreme old age, leaving a name highly respectable in the religious and literary annals of this country.

The history of Campel consists of three volumes. The first dwells chiefly on the topography of the Grisons, and describes the different districts and towns; it likewise delineates the nature of the several governments, and the various forms of civil and criminal jurisprudence in the petty republics into which this country is subdivided. The second volume comprises the history of Rhætia, from the earliest period to the Suabian war in 1499, under the emperor Maximilian I; the materials are chiefly drawn

* Some authors place his death in 1582.

from Tschudi, Stumpf, and other Swiss historians. The third volume, in which the history is brought down to his own times, is the most interesting and authentic. Campel having submitted his work to the examination and correction of Bullinger and Simler, presented, in 1577, a copy to the diet of the three leagues, and received public thanks. But as his own fortune was inadequate to the expences of publication, and as no bookseller would undertake to print so voluminous a work, it has never been given to the world.

Remus, August 4.

The road from Cernetz to Scuol is a continual ascent and descent, and so rocky and bad, that I employed above eight hours in riding only twenty miles. The small plain of Cernetz soon ends, and is succeeded by a rude assemblage of rocks and forests. Sufs is situated in a narrow pass between the river Inn and a ridge of rocks a little beneath the ruins of an old castle : close to it is a small fertile plain, which agreeably diversified the wildness of the rocks and forests.

The road to Ardetz follows the course of the Inn, which murmurs below in a deep narrow channel, heard but not seen. From Ardetz (over which hangs, upon a lofty rock, a ruined

castle called Steinberg) I descended a very steep craggy path to the Inn, which I crossed, and mounted a rapid ascent, leaving on my right hand the valley of Scharla, in which are silver mines belonging to the House of Austria, formerly rich, and yielding a considerable advantage, but now exhausted. I passed through the straggling village of Trasp, close to a castle of the same name, situated upon the highest point of a perpendicular rock. Count Dietrichstein, as lord of the castle, is a prince of the German empire; it was given to his family by the emperor Leopold, on condition that its possessor should always vote in the diet of the empire for the House of Austria; the formality of a garrison is maintained by a single Austrian soldier. From Trasp I again descended to the river, crossed it, and ascended to Scuol, where I arrived late, and set off early this morning.

From Scuol to Remus the mountains on the left slope gradually, and are richly cultivated; producing great quantities of wheat, rye, barley, flax, and hemp; the trees are chiefly pines, firs, and small birch, intermixed with underwood of nut-trees and wild roses. The corn-fields are raised in gradations (if I may so express myself) along the sides of the hills, like the vineyards in the Pays de Vaud. The ridges of mountains

tains on the right beyond the Inn are steep, and in many places perpendicular, with little appearance of vegetation.

It is now harvest time ; and I have observed several clergymen employed in reaping the corn. The clergy are very poor in Lower Engadina, and are more numerous than in any other part of the Grisons. The income of no benefice amounts to more than £. 20 per annum ; that of the inferior cures to little more than £. 8, and this scanty pittance is sometimes subdivided among two or three clergymen, or as many as happen to be unprovided for in the same parish.

I stopped at Remus to bait my horses. Near it is a ruined castle which once belonged to the bishop of Coire, and was given by one of the former prelates to the Plantas of Zutz ; in right of which donation they claim the privilege of administering the oath to the Landamman of Sotto Tasna. The only remains of this castle are two square towers, in one of which is a miserable apartment, where M. Planta gives an annual dinner to the Landamman.

Lower Engadina is divided into three communities, which send three deputies to the general diet. The first is composed of the parishes of Cernetz, Sufs, Lavin, Guarda, and Ardetz ;
the

the second comprises Vettan, Scuol, and Sent, and the third contains Remus, Schlins, and Samun. The two former communities make one High Jurisdiction; and the third forms another with Bevio, Valmorara, and Avers.

In civil causes there are two separate courts of justice, one for that part of the country which lies to the north, the other for the district to the south of the torrent Tasna, from which the two parts are called Sopra and Sotto Tasna: from each of these courts there lies an appeal, in the last resort, to the civil tribunal of Sotto Fontana Merla, in Upper Engadina, or to the neighbouring community of the valley of Munster. In criminal causes there are likewise two distinct courts, but without appeal; one for the tract to the north of the mountain Falon, another for the region to the south: according to this division the two parts are denominated Sopra and Sotto Montfalon.

By this complicated arrangement Vettan is connected with Scuol and Sent in political concerns, in civil affairs with Scuol, Sent, Remus, Schlins, and Samun, in criminal causes with Cernetz, and the other towns of the first community. This intermixture of various interests creates such an intricacy in the election of deputies,

ties, magistrates, judges, both civil and criminal, as would be uninteresting for me to detail, or for you to read.

One circumstance, however, cannot fail to strike the most inattentive inquirer ; that although the mode of electing the judges is nearly the same with that of Upper Engadina, yet justice is by no means so impartially administered. I cannot forbear ascribing this material difference, in an affair of such importance, to the different condition of the two people ; the inhabitants of Upper Engadina, being more enlightened and affluent than their neighbours, are less open to the influence of illiberal prejudices and petty corruption.

Party runs very high both in Upper and Lower Engadina : there are some considerable families in these districts, of which the principal are those of Defalis and Planta, both subdivided into numerous collateral branches. The history of this country is filled with the disputes and struggles between these rival houses, and presents in many periods little more than an uniform picture of domestic feuds. The two parties are distinguished by the appellations of *Scarbonada*, black, and *Alba*, white ; the former devoted to the Plantas, the latter to the Defalises. At the time of elections for deputies and magistrates the inhabitants

bitants of Lower Engadina seldom abstain from blows, which not unfrequently terminate in bloodshed.

I have more than once had occasion to mention the superiority of politeness which distinguishes the inhabitants of Upper Engadina from those of the lower district. This pre-eminence probably arises from the constant emigration of the former into other countries, and their intercourse with foreigners. I find also a great difference in the comforts of life in the two districts; although Lower Engadina produces necessaries abundantly sufficient for interior consumption, yet the inhabitants are less industrious, and consequently poorer. In Upper Engadina I was always able to procure at the commonest inns fresh meat, good oil, and excellent wine, none of which I could obtain in the lower district. The villages are less commodious, and the houses of the peasants are also far inferior in cleanliness, neatness, and convenience. This difference probably proceeds, in a certain degree, from the nature of the country: Upper Engadina yielding but few productions, the inhabitants are obliged to seek from without some means of subsistence, and industry once excited, brings with it its usual companion opulence; on the contrary, the soil of Lower Engadina, fertile in all the fruits of the
earth,

earth, lays the inhabitants under no necessity of extraordinary exertion, and therefore has recourse to foreign trade.

Santa Maria, August 5.

In my way from Remus to St. Martin's bridge, being overtaken by a violent storm of rain, I took shelter in a cottage, and was cheerfully received by a well-looking old woman; my horse was put under a shed, and myself safely housed from the pelting of the shower. I found the rooms perfectly neat and clean, with much better furniture and accommodations than I expected from the external appearance of the cottage. The old woman talked, besides Romansh, German and Italian, and the latter remarkably well. The storm continuing two hours without intermission, I held a long conversation with her, and was greatly pleased with the polite and ready manner with which she expressed herself upon different topics. Upon taking leave, I made several apologies for having dirtied her house, thanked her for her kind reception, and endeavouring to slip a piece of money into her hand, was surprised at her declining to accept it.

All these circumstances exciting my curiosity to obtain some intelligence concerning this elderly person, I collected the following account.

She

She is a native of Lower Engadina, of a good family, and formerly possessed a tolerable fortune; she married, when very young, a nobleman of the first family of Milan, who came into Engadina, renounced the Roman Catholic, and embraced the Protestant religion. They lived for many years in the greatest harmony, till having dissipated almost all her fortune, he one day took leave of her, with a promise of returning in a short time. From that moment she never saw nor heard from him, and was afterwards informed that he was gone to Italy, and had turned monk; upon receiving this information, his wife collected the scanty remains of her fortune, and retired to the spot where I found her.

Towards the extremity of Lower Engadina I crossed the Inn which struggles through a very narrow channel, between two ridges of high and rugged rocks, over St. Martin's bridge, into the Tyrol. I here took a farewell of the Inn, which I had accompanied from its source. At St. Martin's bridge it forms the separation of Engadina and the Tyrol; on receiving the torrent Schargenbach, it quits the territory of the Grisons, and passing through the Tyrol and the Electorate of Bavaria, joins the Danube at Passau with so large a body of water, as to equal, if not surpass, the celebrated river in which it loses its name;
hence

hence Scheutzer has laboured to prove, that the Danube may be said rather to rise in the Rhetian Alps than in the mountains of Suabia.

In the village of St. Martin Romanſh is ſpoken; on the other ſide of the bridge German is the common language. From the ſteep banks of the Inn I aſcended a high mountain, along an excellent road, lately formed at the expence of the emperor, to facilitate the communication between Milan and the Tyrol. On the top I had a fine view of the Inn and Lower Engadina, and then deſcended to Nauders, where I dined upon a cold fowl, with which M. Planta had kindly ſupplied my ſervant, and without which precaution I ſhould have made but a ſcanty meal.

From Nauders I traversed a ſmall pleaſant valley, bounded on the left by a ridge of mountains which ſeparate the Tyrol from Engadina; the valley is about a quarter of a mile broad, and almoſt level; it is covered with rich paſture, and watered by a lively torrent that falls into the Inn. At the end of this valley I gently aſcended to a lake, one of the firſt ſources of the Adige; beyond this is another lake, and further on a third; the banks of theſe lakes are prettily ſkirted with villages, at one of which I paſſed the night.

Having

Having a long day's journey from thence to Bormio, I set out at five this morning, and proceeded by the side of the torrent which flows from the lakes and forms the Adige. The country is agreeable, and in high cultivation, especially where it opens into a rich and extensive view beyond Mals, which town I passed at a little distance on my left hand, and turned short into the road that leads to the valley of Munster. At the bottom of the first ascent I went through Laitch, which is subject in spiritual affairs to the bishop of Coire, in temporal to the House of Austria, and mounted along a rich valley rising to Santa Maria. Tauven is the last village in the Tyrol where the inhabitants speak German; a little beyond I passed the barrier, and again entered the territory of the Grisons, where Romansh is the common tongue.

Passing through Munster, which derives its name * from a monastery for women supposed to have been founded by Charlemagne, I proceeded to Santa Maria, from whence I am now writing.

The valley of Munster contains Santa Maria, Munster, Valdera, Cierfs, and several other villages, which form a community in the league of

* Monasterium.

God's House. Formerly the bishop of Coire had considerable influence in the government of this valley; justice was administered in his name, and he received the amercements for criminal offences; but having violent disputes with the inhabitants, he sold these rights in 1727 to the emperor Charles the Sixth. The republic of the Grisons, however, objecting to this transfer of immunities, which they considered as unalienable, the bishop was obliged to re-purchase, and dispose of them to the inhabitants, who are now perfectly independent. The people are divided into Catholics and Protestants; the former inhabiting the town of Munster, with its immediate dependencies, the others the remainder of the valley; the magistrates and judges are chosen equally from both parties, who live together in tolerable harmony. The common language is the Romansh, the same as spoken in Lower Engadina, though not quite so pure; as, on account of its proximity to and connection with the Tyrol, it is blended with the German.

LETTER 74.

Passage of Mount Bralio—County and Town of Bormio.

Bormio, August 7.

THE passage from Santa Maria to this place was very tedious, and would have been attended with some danger had I been detained a day later ; as the great quantity of rain, which now pours down without intermission, would have rendered the Alpine paths extremely slippery. I continued to ascend two hours from Santa Maria to the top of Mount Bralio, which separates the valley of Munster from the county of Bormio. This body of Alps is supposed to be the same which Tacitus mentions under the name of *Juga Rætica* *. I ascended the whole way by the side of the torrent Ramo, the same which flows by Laitch, and falls into the Adige † below Mals; I traced it to its source, where it rushes from a glacier, amidst an enclosure of rocks. A few paces further, near the summit

* Hist. lib. i.

† Or rather two torrents form by their junction the Adige.

of the Bralio, another torrent falls from the same glacier in a contrary direction, and forms the first source of the Adda.

From this point a descent continues, with little interruption, to Bormio. The tops of these mountains produce no wood, but yield excellent pasture; they were covered with cattle. The most elevated parts are of granite, but not so fine grained as that which I observed upon the St. Gothard, and some of the other Swiss Alps. I then went down a very narrow rugged path, and in an hour entered a small plain in the county of Bormio, about a mile in length, in the midst of which is a single house, termed an inn, the first habitation I met with since I quitted the valley of Munster. I found no one within but a woman and two children, who spoke a corrupt Italian: the woman was greatly affronted on my inquiring if she talked Romanish; being a Roman Catholic, she seemed to consider it as a kind of heresy to understand that language.

I followed the course of the Adda which flows through the plain; at first a small torrent, but gradually increasing by a continued accession of water from the neighbouring mountains. At the end of this small plain the descent recom-

mences, and the track from thence to Bormio is as craggy as the highest parts of Switzerland. Since I have travelled in the country of the Grisons, I have not yet met with such astonishing scenes of wildness, horror, and majesty, as occurred in this day's journey. Description generally fails in representing the most ordinary exhibitions of nature; how inadequate then must it be to the singular combination of sublime objects, which I shall now attempt to delineate?

I had no sooner quitted the small plain than I entered suddenly into a most barren and desolate region; on my right hand huge piles of misshapen Alps, on my left a large mass of ice and snow. Close to the path the Adda foams from precipice to precipice in broken cataracts; lower down it shoots over a succession of natural steps, which seem as if hewn by art; at the distance of about a mile, it is contracted into a narrow channel, through which it labours with incessant fury. Over this tremendous gulph is a slight wooden bridge, partly supported upon a detached fragment of rock, and partly suspended upon the sides of the opposite mountains; as I passed over, it tottered with my weight. I then continued upon the edge of a deep abyss, the Adda roaring beneath, though no where visible, suggesting

suggesting to my imagination cataracts more stupendous than any I had hitherto seen. Its channel is cut perpendicularly in the rock, which has evidently been hollowed to the depth of some hundred feet by the attrition of the waters.

I now arrived at a barren spot, where the vale was entirely closed by an impassable mountain : a stream bursts from a small opening in the rock, and then expanding as it falls, forms a considerable torrent, foaming amidst vast fragments of stone. I turned suddenly to the left, by an opening through which the Adda seems to have forced a passage, and discovered some fertile fields lying upon the side of a distant mountain, which beautifully contrasted with the wild and uncultivated scenes I had just quitted : a few paces further was the prospect of a rich plain extending to Bormio, the Adda flowing in a milder stream, which a moment before roared underneath our feet, over broken precipices. In half an hour I reached the baths of St. Martin, in the valley of Premaglia ; they are formed by several hot springs which rise near Molina, and are much frequented at this season of the year ; they are of the same nature with those of Bath, but did not appear so hot.

From thence I descended into the plain, which produces some corn, and yields excellent pasture, and in a short time arrived at Bormio. Every thing now wears an Italian look : the villages are very inferior to those in the Grisons ; the houses are plastered, and have a dirty appearance ; and it was no bad remark of my servant, that the villages looked as if the inhabitants were mostly dead, and the place deserted.

This road over the Bralio, although so indifferent, was formerly the principal passage for the merchandize sent from the Tyrol, through the Valteline, into the Milanese : at present it is much less frequented.

The county of Bormio, subject to the Grisons, lies at the foot and in the midst of the Rhetian Alps, and borders upon Engadina, the valley of Munster, the Valteline, Tyrol, Trent, and the Venetian territories. It is entirely enclosed within the mountains, except a narrow opening, which connects it with the Valteline ; the other accesses lie across the rugged Alps, and are similar to the passage over the Bralio ; in winter they are frequently impassable.

This county, once a part of the Milanese, became subject to the Grisons in 1512 : the concurrence of extraordinary circumstances, which
occasioned

occasioned this revolution, will be related in the subsequent letter, upon the history of the Valteline ; for, as the Valteline came under the dominion of the Grisons at the same period, and from the same causes, the two histories are so intimately blended, that they cannot be separated.

The county is divided into five districts. 1. Bormio, which comprises the capital, and several dependent villages. 2. The valley of Furba. 3. The valley of Pedinosa. 4. The valley of Cepino. 5. The valley of Luvino. The inhabitants of the Luvino possess several privileges, particularly the power of judging civil causes within a certain value ; they do not, however, appoint any of the magistrates, who are all chosen from the four other districts.

The county of Bormio enjoys ample immunities, some of which are not extended to the Valteline, or Chiavenna ; and the inhabitants are exempt from the oppressions so wantonly exercised by the Grison governors in the other subject countries. 1. The inhabitants pay a fixed contribution, which is very moderate, and cannot be increased. 2. They collect and enjoy their own duties upon exports and imports, which secures them from injudicious and oppressive taxes. 3. The fines for criminal offences belong to the community ; a circumstance very friendly to the

administration of justice: for no part being assigned to the governor, as is the case in the other subject provinces, he is not interested to convict criminals. 4. But the principal privilege which distinguishes this country from the Valteline, is the freedom of its government, and the limitation of the *podestà's* authority.

Bormio, like the other subject countries, is governed by a supreme magistrate called *Podestà*, who is sent from the Grisons, and continues two years in office: his authority is exceedingly circumscribed, and he enjoys scarcely any power, but with the concurrence of the councils. He presides in these councils without giving a vote, except in case of equality; he has neither the power of arresting a criminal, nor of pardoning or lessening the punishment; he receives a yearly stipend from the country of about £. 80, arising partly from a payment in money, partly from an allowance of rye, and partly from the costs of suit in civil and criminal causes. But the restrictions laid on his authority will best appear from a short sketch of the established government.

The supreme authority resides in the *podestà*, and councils, consisting of a civil and criminal tribunal, whose members are annually chosen by the people.

The

The criminal court, or the council of Sixteen, who are changed every four months, is composed of two regents, the treasurer, the notary, and sixteen counsellors, ten of whom are taken from the town, and two from each of the vallies of Furba, Pedinoso, and Cepino; of these members only the sixteen counsellors have any vote. At the request of the two regents, this council is convened by the podesta. In order to arrest a criminal, the whole council ought to assemble, or at least seven of the members; but in any case of importance, the podesta and two regents may give an order of arrest; this, however, being contrary to law, must be referred to the first meeting of the council, which, if satisfied, decrees in the words of their code, *Male captus; bene detentus*; the arrest was illegal, but expedient. The process is formed, and the prisoner examined by the podesta and two regents, who lay the proceedings before the council. Should the criminal be convicted, and will not confess his crime, the majority of the council decide whether the proofs are strong enough to justify torture: if that horrid expedient should be deemed requisite, it must be applied in the presence of the podesta, the two regents, the treasurer, and notary.

The

The fines are paid to the community, which, when the prisoner is insolvent, defrays the expence of the process. If the proofs against the prisoner appear insufficient for his conviction, the podesta and counsellors receive nothing for their attendance. This regulation, which was designed to prevent frivolous prosecutions, is productive of this ill effect, that it induces the judges to strain the slightest circumstances into proofs of guilt, and not unfrequently occasions the infliction of torture *.

The civil tribunal consists of twelve members, taken from the town of Bormio, who determine all civil causes in the first instance: from their decision lies an appeal to the syndicate of the Grisons.

The members of these councils are chosen annually by the assembly of the people, consisting of, 1. All those who have been magistrates; 2. Of sixty persons from the town, nominated by the two chiefs of the people; 3. Of sixty persons chosen equally by the three vallies; 4. Of three deputies from the valley of Luvino. All these

* Little more is wanting to the reformation of criminal jurisprudence in Bormio, than to render the examinations public, to pay the judges for their attendance, whether the prisoner is innocent or guilty, and to abolish torture.

representatives assemble on the 15th of June, in the town-hall of Bormio: the election is carried on in the most democratical manner, upon a plan calculated to prevent all influence, which cannot however be entirely excluded by the most complicated mode of election ever invented. Without enlarging upon the form of voting by ballot used at Bormio, I shall, on account of its singularity, only briefly describe the ceremony of choosing the two regents. After the nomination of the counsellors, the regent last in office points to some person in the assembly; and at the same instant the treasurer mentions some number, as for instance, ten, fifteen, &c. This number is immediately counted by the regent, beginning from the person to whom he is pointing: the last six of the persons counted retire into a separate room, and chuse six members of the assembly, namely, three from the district of Bormio, and three from the valleys, who appoint six candidates. The names being thrown into six bags, and ballotted for, and the two, who have the greatest number of ballots, are regents. They remain in office only four months, in order to prevent the abuse of their power, which is very great.

The expences of government are regulated with extreme jealousy, and the accounts are
annually

annually submitted to the inspection of each district: when the regents retire from office, the treasurer delivers a summary of the expences and receipts incurred during their administration, which is read to the council of Sixteen, and cannot pass without their approbation. In October the council elects three examiners, two of whom are always taken from the inhabitants of the town, and one reciprocally from each of the three valleys. These examiners make a report, which is laid before a deputation from the town and the valleys on the 3d of May, and five copies are distributed to the several deputies, for the inspection of their respective constituents; lastly, the report is read before the assembly of representatives, who meet for the election of the magistrates, when it is either finally approved or rejected.

The revenue of the county, however trifling, is nearly adequate to the current expences: it arises in the following manner:

	£.	s.	d.
Duty upon merchandise, which this year			
amounted to - - - -	29	5	0
Rent of the pasture upon the Alps of Fre-			
deriga, Gallo, and Braglio, - -	30	13	4
For liberty of cutting wood, - -	6	13	4
Profits arising from the sale of the corn			
granted by the government of Milan, -	25	4	0
	<hr/>		
Carry over	91	15	8

	£.	s.	d.
Brought over	91	15	8
Rent of the baths, - - -	13	6	8
Fines, upon an average, - - -	14	0	0
Tythes of corn produced, - - -	103	12	0
	<hr/>		
	222	14	4
	<hr/>		

The following is a Table of the average Expences.

	£.	s.	d.
For making and repairing roads and bridges, - - - -	83	6	8
Salary of the magistrates, - - -	71	8	0
Salary of the podestà and syndicate, -	57	7	6
	<hr/>		
	212	2	2
	<hr/>		

In this calculation a few occasional expences are omitted, which render the general outgoings greater than the receipts; the overplus is supplied by equal assessments. For the purpose of assessing, there is a perpetual committee, consisting of twelve members chosen from the town, and two from each valley, which is convoked by the regents. The sum required being laid before them, they fix the quota according to a calculation of property.

The mountainous parts of this country produce only pasturage and wood; the lower district about Bormio yields corn, but not sufficient for domestic consumption. The inhabitants export cattle,

cattle, a small quantity of cheese, and iron, obtained from the mine of Freli, in the valley of Pedinof, worked at the expence, and for the profit, of a private person, who pays to the community a small annual rent. Wine is imported from the Valteline, corn from the Tyrol, corn and rice from Milan, linen from Bergamo and Appenzel, and cloth from Germany.

The Roman Catholic is the established religion, and the exercise of every other worship is prohibited: even the podesta himself, if a Protestant, is not entitled to any indulgence in this particular*. Spiritual affairs are under the jurisdiction of the bishop of Coire, who has a vicar's court at Bormio, in which all ecclesiastical causes are tried.

The priests have peculiar privileges, which are even extended to those who wear a clerical dress. Although many abuses result from those exorbitant immunities, yet, from the nature of the government, they are more restrained here than in the Valteline. Most of the peasants possess a small portion of land, and, in consequence of the freedom of the government, are much hap-

* For the causes of this prohibition, which takes place in all the provinces subject to the Grisons, see the next letter.

pier than the people of the Valteline and Chiavenna.

The town of Bormio is not unpleasantly situated, at the foot of the mountains, close to the torrent Fredolfo, which falls at a small distance into the Adda. It contains about a thousand inhabitants, but has a desolate appearance; the houses are of stone plastered; a few make a tolerable figure amidst many with paper windows; several, like the Italian cottages, have only wooden window shutters. This custom may not be uncomfortable in the mild climate of Italy, but cannot be agreeable in a country, subject to sudden changes of weather, and occasionally cold even in the midst of summer, when the bleak winds blow keenly from the Alps.

The landlord of the inn in which I am lodged is one of the regents, and a man of great consequence. I sit down to table with him, the podesta, and his wife. The podesta has been lately appointed to this government, and I can collect, from the conversation which has passed, that he is perfectly ignorant of the laws and constitution of this country; in all my questions he refers me to the landlord, who is thoroughly acquainted with the theory and practice of the courts of justice, and well versed in the most

minute circumstances, relative to the administration of affairs.

It has rained all day without intermission, and the showers in these Alpine countries pour down with such uncommon violence, that I esteem myself very fortunate in being well sheltered. The bad weather, however, did not prevent me from seeing every thing which is worthy of attention in Bormio, and in paying several visits to the principal families of the town, who consider an Englishman in this country, as a kind of phænomenon, and shewed me every attention and civility in their power.

The Palazzo, or town-house, contains a suite of wretched rooms for the residence of the podesta, a chamber for the courts of judicature, and an apartment where the representatives of the people assemble. In one of the rooms is an engine of torture, which, in defiance of common sense, as well as humanity, is still used in these countries to force confession.

Being desirous of seeing the archives, I found it occasioned more trouble than I at first apprehended. The door of the apartment, in which they are deposited, having several locks, it was necessary for all the magistrates, who are entrusted with the different keys, to be present at the same time :

time: no objection, however, was made to my admission, and all parties readily assembled upon this occasion. The archives, which are in the greatest disorder, contain many records relating to the history and constitution of Bormio, the criminal and civil statutes, and several charters from the sovereigns of Milan, confirming original privileges and adding others. The earliest of these acts is dated 1378, and signed by John Galeazzo Visconti.

The most important of the papers is the charter, by which the Grisons confirm, in the most ample manner, the immunities granted to this country by the dukes of Milan; it was passed in the diet of Ilantz, under Paul, bishop of Coire, in 1513, the year subsequent to that in which the Grisons annexed Bormio to their dominions. Many circumstances have concurred to deter the Grisons from infringing this charter: the two principal are, the situation of Bormio, and the spirit of freedom which distinguishes the inhabitants. By its situation upon the confines of the Tyrol, the people, in case of the least discontent, would receive encouragement and assistance from the House of Austria. This local advantage procured them, while under the government of Milan, much better treatment than

was experienced by their neighbours in the Valteline, and a similar reason still continues to operate upon the conduct of the Grisons.

The spirit of freedom which pervades the constitution, has no less materially contributed to the security of their privileges: these people have always watched with a jealous eye the slightest advances of encroachment, and never failed to remonstrate with great unanimity and resolution, whenever the podesta has discovered the least inclination to exceed the bounds of his authority. Hence the Grisons have uniformly acted towards them with great moderation, and paid the readiest attention to their representations and remonstrances*.

* In the new division of Switzerland the county of Bormio was, with the Valteline and Chiavenna, annexed to the Cisalpine republic.

LETTER 75.

Tirano—Sketch of the History of the Valteline.

Tirano.

I QUITTED Bormio this morning about ten.

The torrents are considerably swelled with the late rains ; and the sides of the neighbouring mountains are sprinkled with yesterday's snow. I passed along the narrow valley of Cepino, through several wretched villages, among which not the least wretched is Cepino itself, consisting of a few straggling cottages, many of which are in a ruinous state. Having crossed the Adda, and continued on the left bank of that torrent, which dashes with great violence through a rocky country, in three hours I arrived at a pass called La Serra, where almost the whole space between the impending rocks, is occupied by the Adda.

The path runs under the gateway of an ancient tower, and leads from the county of Bormio into the Valteline. At Sondalo, which stands on the banks of the river upon an eminence, under a richly cultivated mountain, the valley widens, and becomes more and more fer-

tile; in some places it is about a mile, in others scarcely a hundred yards in breadth. Near Tirano it exhibits an appearance of extraordinary fertility; the left ridge of mountains is chiefly overspread with hanging groves of chestnut trees, intermixed with a few vines; above them are meadows and forests of fir. The ridge facing the south, is richly covered with vines, which reach almost to the summit, studded occasionally with clusters of large trees: on both sides churches and houses half concealed by the foliage enliven the prospect. Below runs the Adda; the plain on each side of its banks produces abundance of corn and pasture, mulberries, walnuts, and other fruit-trees, and vines carried over the corn and pasture in beautiful festoons from tree to tree.

Tirano is the capital of the Upper Terzero, and the residence of the podesta. Although the town contains several handsome buildings, yet, on account of the narrowness of the streets, and number of ruinous houses, the general appearance is desolate. The Adda divides it into two parts, which are connected by a stone bridge of a single arch. I observed the remains of stone walls, which formerly surrounded this place; these walls, together with an adjoining fortress, were built by Ludovico Sforza; but

but dismantled by the Grisons when they acquired possession of the Valteline.

Tirano carries on but little trade, except during the time of the fair. The staple commerce of the town consists in the exportation of wine and silk; the wine is sent in large quantities into the country of the Grisons, to Bormio, and into the territories of Venice; the silk, which is drawn from this district of the Valteline, is not of the best quality, nor very abundant; part is forwarded to Venice, and the remainder, through Chiavenna, to Germany.

About half a mile from the town, on the other side of the Adda, is the church of the Madonna, or the Virgin Mary, much visited by Catholic pilgrims; it is a large handsome building, constructed with marble, and stone stuccoed. Part of the church is ancient, for I observed a date of 1206; and the carved ornaments are grotesque, but by no means badly finished. The modern building is in an elegant style of architecture; the principal entrance is formed by two Corinthian pillars ornamented with foliage and festoons of flowers, while the pilasters are neatly adorned with *basso relievos*, in the style of the antique. The æra of the workmanship, as I collected from an inscription over the door, was 1533.

In the large area before the church is held, in the month of October, the fair of Tirano, remarkable for the number of cattle which are brought for sale: they are fed upon the highest Alps, where they continue until the snow begins to fall, and are chiefly sent from hence into Italy. The fair continues three days, during which time the authority of the podesta is suspended; and the governor of the Valteline has absolute jurisdiction over the town and district.

I cannot describe how much I am perplexed with a variety of languages. I speak Italian or French with the principal gentry, sometimes hold a conversation in Latin, talk a smattering of German with my servant, and with my guide and the common people, a kind of corrupt Italian, like the Milanese. I write my notes in English, and during my progress through Engadina, was employed in collecting a vocabulary of the Romansh. You will not therefore be surprised, should you find a confusion of tongues in my Letters.

The Valteline, called by the inhabitants *Valle-Telina*, extends from the confines of Bormio to the lake of Chiavenna, about the length of fifty miles. It is entirely enclosed between two chains of high mountains; the northern chain separates it from the Grisons, the southern from the Venetian

netian territories; on the east it borders on the county of Bormio, and on the west on the dutchy of Milan.

The Valteline, together with the counties of Chiavenna and Bormio (which had long been the source of hostility between the bishops of Como and Coire) came in 1336 under the dominion of Azzo Visconti, sovereign of Milan, who quietly transmitted them to his successors. Upon the death of John Visconti, who was archbishop as well as sovereign of Milan, his extensive territories were divided between his nephews Galeazzo and Barnabas *. On the demise of Galeazzo, his son John Galeazzo secured the person of his uncle Barnabas, and having confined him in the castle of Trevio until his death, which happened in 1395, annexed his dominions to his own, and became by this union the greatest and most powerful prince in Italy. Mastino, son of Barnabas, received an asylum under Hartman, bishop of Coire, and as a mark of gratitude formally ceded to him his right to the Valteline, Chiavenna, and Bormio.

To this cession, at that time of no avail, the Grisons owe the possession of these provinces. The claim lay dormant for above half a century,

* I do not mention Matthias, the eldest brother, because he died soon afterwards.

until discontents arising in the Valteline, the Grisons made an irruption into the country, in support of the bishop's right; but their arms not being attended with success, they purchased a peace, by renouncing all pretensions to the Valteline. They renewed, however, their claim in 1512, when Ludovico, called the Moor, Duke of Milan, was taken prisoner by Lewis the Twelfth, and the whole Milanese, comprising the Valteline, was occupied by that monarch.

Soon after this revolution, the Grisons, in conjunction with the bishop of Coire, entered the Valteline, and, having expelled the French troops, took possession of the country; they were received with joy by the inhabitants, who did homage to their new sovereigns, and in return obtained from them the confirmation of all their privileges. A compromise was immediately entered into between the bishop of Coire and the three leagues, to share the sovereignty of this country. In the following year Maximilian Sforza, raised to the ducal throne of Milan upon the expulsion of the French, ceded in perpetuity the possession of the Valteline, Chiavenna, and Bormio, to the bishop of Coire, and the Grisons; a cession ratified by Francis the First, in the treaty of peace which he concluded with the Swiss and their allies the Grisons
in

in 1516, when he obtained possession of the Milanese.

In 1530 the Grisons acquired the whole dominion of the Valteline, to the exclusion of the bishop of Coire : under pretence, that the bishop had not furnished his quota of men and money in the war with James of Medici, in defence of these ceded countries, they compelled him to sell his share of the sovereignty for a yearly income of 573 florins payable to him and his successors out of the customs of Chiavenna. From that period these provinces were possessed by the Grisons without molestation, until the rival interests of France and Spain, the intrigues of the pope, religious enthusiasm, the zeal of party, and the exactions of the Grison governors, kindled an insurrection, which commenced with a general massacre of the Protestants, and raged for a series of years with the most savage and unremitting fury.

In no country has the spirit of discord been more prevalent, or religious disputes carried to a greater height. The zeal of contending factions has communicated itself to the historians of these events ; on both sides religion has been pleaded as a sanction to the most atrocious actions, and alledged by one party as an
excuse

excuse for tyranny, and for rebellion by the other.

As the Valteline, Chiavenna, and Bormio, originally belonged to the Milanese, the sovereigns of that dutchy always looked upon the Grisons with a jealous eye, and secretly embraced every opportunity to foment the disturbances, with which they, in common with all democratical states, are occasionally convulsed.

Upon the extinction of the family of Sforza in the person of Francis the Second, the emperor Charles the Fifth seized the Milanese as a fief reverting to the empire, and disregarding the claims of the French king, gave the investiture to his own son Philip. With the possession of the Milanese Philip succeeded to pretensions upon the Valteline; and although both he and his successor, Philip the Third, entered into treaties of alliance with the three leagues, by which they resigned all claims to this country; yet they never finally relinquished all intention of recovering a province which had been once dismembered from the Milanese, and which the contests between France and Spain rendered more valuable to them, than to their predecessors in the duchy of Milan.

During

During the constant wars, which from the accession of Philip the Second the restless ambition of the Spanish court entailed upon Europe, the German and Spanish branches of the House of Austria were inseparably united; and the councils of Vienna were directed by the cabinet of Madrid. Under these circumstances the Valteline, which, by connecting the Tyrol and the Milanese, afforded the only secure passage for the junction of the Austrian and Spanish troops, became of signal importance. Hence the Spanish governors of Milan, highly solicitous to acquire influence among the people, secretly fomented the spirit of disaffection, which the conduct of the Grison governors too justly provoked; promised assistance to the aggrieved inhabitants, and gained by these means a powerful party in favour of their court. The minds of the inhabitants being thus gradually won over to the Spanish interest, the Count of Fuentes, governor of Milan, ventured, in defiance of the Grisons, to construct the fort * which bears his name, for the purpose of commanding the passage of the Valteline.

The same reasons which rendered the Spaniards desirous to secure the Valteline, induced

* See Letter 68.

the French to obstruct their designs. Henry the Fourth, with his usual vigour, zealously espoused the cause of the Grisons, and was preparing to send effectual assistance against the attempts of Fuentes, when he was assassinated; and the intestine troubles, which took place upon his death, for a time totally withdrew the attention of France from this quarter. The Spaniards, thus freed from their most formidable rival, pursued their projects upon the Valteline without opposition, and availed themselves of the domestic dissensions between the Grisons and the inhabitants.

The Grisons had long attempted to introduce the Reformation into the Valteline with the most injudicious zeal, and without paying sufficient attention to the prejudices of a superstitious people. Churches for the worship of the Reformed religion were constructed, and ministers regularly settled with a permanent salary; schools for Protestant children were established at Sondrio, notwithstanding the remonstrances of the Romish priests, and the opposition of the people. Many privileges of the Popish ecclesiastics were taken from them; privileges *, which though repug-

* They were independent of the civil authority for all delinquencies, and amenable only to the bishop of Coire.

nant to every principle of sound government, were sanctified by usage, and could not be hastily abolished without exciting general discontent.

To these religious grounds of dissatisfaction were added others, arising from the tyrannical proceedings of the Grison governors, whom the advocates for rebellion painted, and it is to be feared with too much justice, in the most odious colours. “A system,” they cried, “of avarice and extortion is established by law; the magistrates purchase their offices, and indemnify themselves by the plunder of the country. All things are venal; life, honour, and even conscience itself has a price; it is not possible for the governors to be more iniquitous, nor for the people to suffer a greater complication of calamity.”

These well-grounded complaints were aggravated, and the crisis of rebellion accelerated by an act of flagrant injustice. Many inhabitants of the Valteline suspected of favouring the Spanish court, particularly those who had opposed with the greatest zeal the introduction of the Reformed doctrines, were arrested, and conveyed into the country of the Grisons. Mock courts of justice were established in several places, by which the prisoners were fined to a large amount; and

and some were even wantonly sentenced to the torture.

Among the sufferers was Nicholas Rusca, a priest of Sondrio, who had gained the universal esteem of the Catholics, by his unremitted resistance to the Protestant doctrines, and who, for the rigid austerity of his manners, was revered by the multitude as a saint. The death * of Rusca, amidst the most excruciating torments, raised a spirit of fury among the people too violent to be appeased. The emissaries of Spain did not fail to increase the general ferment, and to suggest the most plausible motives for immediate insurrection, by representing that, as the Grisons were convulsed by factions, and France disturbed by intestine commotions, a favourable opportunity presented itself to shake off the yoke under which they groaned. The suggestions had their effect; and the inhabitants commenced hostilities by a general massacre of the Protestants.

The 20th of July 1620, was the day appointed for the perpetration of this horrid design. At dead of night Robustelli, the leader of the conspiracy, accompanied by a hundred followers, ar-

* See Letter 80.

rived at Tirano, and having assembled the chief Catholics laid before them the intention of extirpating the Protestants; the dreadful proposal was embraced with all the zeal of resentment, inflamed by fanaticism. At break of day the signal for the massacre being given by ringing the bells, great part of the inhabitants issued from their houses, and repaired to the market-place with terror and anxiety. In this moment of perplexity the conspirators fell upon the Protestants, and encouraged the people to follow their example, by destroying the enemies of the Catholic faith. Few words being necessary to exasperate an incensed and superstitious multitude, every person seized the first arms which presented themselves, scoured the streets, stormed the houses, and assassinated the Protestants.

During this dreadful scene, the podesta, his family, and some of the principal Protestants took refuge in the town-house, and barricadoed the doors; the Catholics, however, soon forced a passage, and burst into the apartments where the fugitives were collected. Their fury was for a moment suspended at the affecting sight of the podesta and his wife upon their knees, presenting their infant children with uplifted arms. But such was the implacable barbarity of the enraged multitude, who demanded with repeated instances

stances the death of the podesta and his family, that this short respite was of no avail, and only served to embitter their fate; they were first imprisoned, and then put to death, without distinction of sex or age.

The next scene of the massacre was exhibited at Teglio, whither some of the conspirators were dispatched from Tirano; they were dressed in red, as a signal to the inhabitants that the rising at Tirano had succeeded. The Catholics soon collected in a body, and repaired to the church, where the Protestants were assembled for the celebration of divine service. One of them levelled his piece against the minister, who was preaching; but missing his aim, the Protestants rose up, drove out the Catholics, and barricaded the doors. The assassins then climbed up to the windows, and shot from the outside upon the crowded audience; the doors at length being burst open, all the Protestants were put to the sword excepting those who renounced their religion.

Another party of Catholics made their way towards Sondrio; but the governor of the Valtelline, apprised of their design, ordered the inhabitants to take arms, and summoned the people of the neighbouring district to his assistance; in obedience to this injunction, both Protestants and

Catholics began to assemble, but the Protestants were intercepted, and destroyed. Some attempting to escape towards Engadina and Pregalia were overtaken in their flight, and involved in the common slaughter. Even the women laid aside the natural softness of their sex, and hardened by superstition, practised every species of outrage upon the bodies of the deceased. Meanwhile the Catholic troops entered Sondrio, and exciting their partisans with the cry of "*Down with the enemies of the Catholic faith,*" made a general slaughter of the unhappy Protestants. Mercy, however, was extended to the governor and his family, in a manner which does honour to the chiefs of the revolt who conducted the attack of Sondrio. He was first imprisoned, but afterwards, in consideration of his mild behaviour to the Catholics dismissed with his family, and escorted in safety to the confines of the Valteline.

It would be shocking to humanity to enumerate all the particulars of this savage massacre, or to trace its devastation in the several towns of the Valteline. It continued three days without intermission; nor were its horrid effects confined merely to those who were assassinated upon the spot. Many who escaped

into the country were hunted down like wild beasts; others, after eluding the fury of their pursuers, were consumed by hunger and fatigue; and numerous dead bodies were discovered in the woods, caverns, and torrents. Several Catholics, who were allied to the Protestants, shared in the general disaster; even women and infants were slain in the most deliberate manner. Some Protestants saved their lives by abjuring their religion, and many, who refused to purchase their safety by this concession, were burnt alive.

In the midst of this dreadful carnage, one instance of singular humanity deserves to be recorded. Bartholemeo Peretti, the principal Catholic at Berbeno, being exhorted to put all the Protestants of that town to death, apprised them of their danger, and assisted them in effecting an escape. But this act of clemency was the occasion of his own destruction, and he was executed as an enemy to religion.

All the Protestants being either destroyed or driven out of the country, the remaining inhabitants renounced their allegiance to the Grisons, and framing a new form of government, threw themselves under the protection of the king of Spain, who sent an army to their support. The people of Bormio followed the example

ample of the Valteline, with this difference, that they did not massacre, but only expelled the Protestants. Having entered into an offensive and defensive alliance with the inhabitants of the Valteline, they also formed an independent commonwealth.

The Grisons, divided among themselves, were totally unequal to the chastisement of their revolted subjects. The Catholics were desirous of employing the mediation of Spain, for the purpose of recovering the Valteline; the Protestants, inclined to vigorous measures, proposed an application to the Swiss cantons, Venice, and France. After violent dissensions, which were not terminated without bloodshed, the Protestant interest prevailed, and a deputation was sent to those powers.

Zuric and Bern instantly dispatched a body of troops, while the Catholic cantons refused to act against those of the same persuasion. Venice, alarmed at the growing power of the House of Austria, and desirous of a passage through the Valteline, gave a flattering answer to the request of the Grisons, but, with a spirit of delay natural to a republic, deferred sending any actual succour. France too, having just emerged from a civil war, was more disposed to negotiate than to act with decision. Bassom-

piere was dispatched to Madrid to solicit the restitution of the Valteline; and although a league was concluded between the king of France, the duke of Savoy, and the Republic of Venice, to assist the Grisons unless the Valteline was restored; yet all that could be obtained from the Spaniards was, that the forts of the valley should be placed in the hands of the pope: but as the pope was a secret partisan of the House of Austria, and inclined to favour the rebellion of the Valteline, it was evident that he would restore the forts to the Spaniards upon the first opportunity. In this interval the united troops of the Grisons, Zurich, and Bern, being defeated with great slaughter, the Valteline seemed upon the point of being for ever dismembered from the Grisons, when the French court suddenly changed its plan of operation, entered into the war with a zeal as sincere as it was politic, and vigorously interposed in behalf of the Grisons.

This revolution in the French politics was owing to the ascendancy of cardinal Richelieu, who no sooner began to preside in the cabinet, than the kingdom seemed to awake from that deep lethargy, into which it had sunk during the feeble administrations of Ancres and Luynes. That great minister instantly perceived the importance

portance of the Valteline; without wasting a moment in deliberation, he demanded an immediate restitution of that country, and enforced this demand by sending a detachment of troops to the assistance of the Grisons, under the command of the Marquis de Couvres.

The general, animated with the spirit of the new minister, penetrated into these parts, joined his army to the Swiss and Grisons, and in two campaigns drove the Spaniards from the Valteline, Chiavenna, and Bormio. The two latter provinces were immediately restored; but when the Grison deputies repaired to the French general at Sondrio, to demand the cession of the Valteline, Couvres proposed, that the exercise of the Protestant religion should be abolished throughout the valley; that the inhabitants should appoint their own magistrates, and pay a yearly tribute of 20,000 crowns; and he shewed himself so strongly inclined to circumscribe the authority of the Grisons over the inhabitants of the Valteline, that he was suspected of being bribed by them. But it soon appeared, that this conduct was occasioned by directions from his court, and proceeded from a reconciliation, which, unknown to the Grisons, had taken place between the kings of France and Spain.

Richelieu, the soul of the French monarchy, having brought to maturity his project for subjugating the Hugonots, was too great a politician to enter into a foreign war at the eve of a civil commotion; and well aware, that he could not maintain possession of the Valteline without an expence of troops, which he could ill spare, temporised for the moment, and made overtures to Philip the Fourth, who harassed by the long continuance of hostilities, seemed equally desirous of an accommodation: accordingly preliminaries of a new treaty were immediately adjusted by the contracting powers, at Mossion in Arragon. It was agreed, that the Valteline should again be restored to the Grisons, under the following conditions; no other religion but the Roman Catholic to be tolerated; the inhabitants to elect their own governors and magistrates either from themselves or from the Grisons, but always from persons of the Roman Catholic persuasion; and the governors to be confirmed by the Grisons. In return for these privileges, it was stipulated that the inhabitants should pay an annual tribute, the amount of which was to be settled by mediation. In consequence of this treaty, concluded on the 5th of March 1626, the French resigned the
forts

forts of the Valteline into the hands of the pope, and evacuated the country.

In conformity to this alliance, the inhabitants having elected Robustelli, who began the massacre, for their governor, and appointed twelve magistrates, sent a deputation to Coire to demand the confirmation of the Grisons, who were by no means disposed to accede to a treaty so destructive to the rights of sovereignty, which they possessed over the Valteline. Openly excited by the Republic of Venice, and secretly encouraged by the French minister, they refused to acknowledge the treaty of Mossion. But as they were not in a state to support their claims by force of arms, they could only remonstrate and negotiate, without producing any immediate effect.

Affairs continued in this state for three years ; until Richelieu, having completed the reduction of the Hugonots by the capture of Rochelle, turned the whole force of France against the House of Austria ; the diminution of whose power he had long meditated. He now threw off the mask : the dominions of the House of Austria were invaded on all sides, and every part of Europe became the theatre of his vast designs. Among other enterprises, the Valteline engaged

no inconsiderable share of his attention ; the duke of Rohan was dispatched to the Grisons with a formidable army, and worsting the Spanish troops in various encounters, dispossessed them of the Valteline.

Upon this decisive success, the French abated much of their solicitude for the interests of the Grisons ; although they began the war with demanding an unconditional restitution of the Valteline ; yet they were no sooner in possession of the country, than they professed, as on the former conquest, a great tenderness for the privileges of the inhabitants ; and refused to surrender their acquisition to the Grisons, unless upon terms more favourable to the people than had been offered even by the treaty of Mossion.

The Grisons having no prospect of assistance from any other quarter, found themselves under a necessity of acceding to these humiliating stipulations. The French, with a view probably of retaining the Valteline in their own hands, continued to delay the restitution, and clogged every subsequent negociation with conditions still more unfavourable.

The Spaniards artfully availing themselves of these circumstances, held out the most flattering

overtures of accommodation. The Grisons, encouraged by these well-timed offers, and incensed at the repeated instances of duplicity they had lately experienced, rose up in arms, and drove the French from the Valteline. The treaty of Milan was the consequence of this revolution: a close alliance was concluded between the Spaniards and the Grisons; and the Valteline was restored under the guarantee of that very power, which had originally excited the inhabitants to revolt.

This treaty, contracted in the year 1635, secured to the Spaniards the passage of the valley, which was the great object of the war, and restored the Valteline, Chiavenna, and Bormio, to the Grisons, under the following conditions: an act of oblivion; the immunities of the subject countries to be confirmed as they existed before the revolution of 1620; no religion but the Catholic to be tolerated; no person of any other persuasion to be permitted to reside, excepting the governors, during the two years they should continue in office, and the Protestants possessed of lands, who should not be allowed to remain in the country above three months in the year; the privileges of the ecclesiastics to be restored in their full latitude.

A few

A few alterations were made in the government of the Valley, and some regulations introduced, for the purpose of stemming the torrent of injustice and corruption; they consisted chiefly in a new method of nominating the governors, and in creating the office of assessor. The articles were guaranteed by Spain, and inserted in the capitulation, or treaty, ratified in 1639, at Milan, in the presence of the deputies from the Valteline.

The deputies reproached the Spaniards, for having summoned them to Milan, in order to be present, in silence and with tears, at the subversion of their liberty; and when the treaty was announced to the inhabitants of the Valteline, a general despair spread through all ranks. The people universally lamented that they had been deluded into a revolt under a promise of protection; that they had expended, during this fatal war, above twenty-five millions of florins *, for no other purpose than to procure an alliance between Spain and the Grisons, and to be restored to their original masters, exasperated by their revolt, and preparing to renew the former acts of injustice and tyranny which had driven them to

* Near £. 2,000,000 sterling.

rebellion. Nor were these murmurs ill-grounded; for, except the total exclusion of the Protestant religion, no material alteration was made in the fate of this valley.

Since this treaty the laws have been no less perverted than before, the exactions of the governors have continued as exorbitant, and the courts of justice as iniquitous and corrupt. The change in the administration of justice has proved no alleviation; the creation of the assessor's office served only to give the sanction of law to the most iniquitous proceedings, or to vary the mode of oppression. This innovation has been moreover attended with this bad effect to the bulk of the inhabitants; before the rebellion, the nobles were principally subject to the rapacity of the Grison judges; but since the pacification, the people have been more exposed to exactions.

I have thus brought down the history of the Valteline to the pacification of 1637. Since that period no material change has taken place in the situation of affairs. The sovereigns of Milan have always cultivated the friendship of the Grisons; and the inhabitants of the Valteline, endured a regular course of tyranny under the government of a free state; confirming a fact notorious in the annals of ancient Greece, that
no

no people are more oppressed, than the subjects of a democracy*.

* During the late contests between France and the House of Austria, the Valteline became an object of great importance, and the neutrality of the Swiss and Grisons alone prevented the occupation of the country by one of the contending parties. The inhabitants, irritated by a long series of oppressions, eagerly adopted the new principles diffused by the French agents, and were anxious to deliver themselves from the yoke of the Grisons. During the progress of hostilities, Bonaparte, well aware of the advantages derived from the neutrality of the Valteline, declined all interference, until he concluded the armistice with the Emperor, which terminated in the treaty of Campo Formio. He then availed himself of an insurrection which broke out in the Valteline. The inhabitants, animated by the establishment of the Cisalpine republic, took up arms, drove out the Grison governors, and declaring themselves independent, were soon afterwards joined by the natives of Bormio and Chiavenna.

The Grisons who had recently experienced a revolution in their form of government, and hopeless of deriving assistance, either from the Swiss Cantons, or from the House of Austria, requested the mediation of the French republic, which being also accepted by the revolted provinces, the subject of dispute was referred to the decision of Bonaparte, and two deputies on each side ordered to repair to Milan. The deputies from the revolted provinces instantly made their appearance; but the Grisons, torn by intestine factions, and averse to the mediation of
the

LETTER 76.

Government of the Valteline.

THE Valteline is divided geographically into three principal districts, and politically into five governments.

The three districts are, 1. *Terzero di Sopra*, or the Upper District; 2. *Terzero di Mezzo*, or the Middle District; 3. *Terzero di Sotto*, or the Lower District.

The five governments are, 1. Of the Upper District; 2. Of the Middle District, called also the Government of Sondrio; 3. Of Teglio; 4. Of Morbegno; 5. Of Traona.

the French, which they had been unwarily induced to solicit, not only declined sending their deputies, but returned no answer to the repeated summons of the French general. In consequence of this silence, Bonaparte decided the contest by declaring the revolted provinces independent, and confirmed the *union* which they solicited with the Cisalpine republic. Thus after a period of near three centuries, the Valteline, Chiavenna, and Bormio were again incorporated with the Milanese, under a republican form of government.

Each

Each of these five governments is subject to a magistrate appointed by the Grisons, who is changed every two years. The magistrate over the Middle District is called *governor* of the Valteline, and possesses in some respect a superior degree of authority to the others, who are styled *podestas*; he is also captain general of the Valteline.

But before I proceed to explain the form of government, it may be necessary to lay before you the method of electing the governor and *podestas*, to whom the Grisons delegate their authority over the Valteline.

In 1602 some efforts were made to restrain the excessive venality and injustice of these magistrates, which were derived from the public sale of the governments, and the share of the fines for criminal offences, between the Grisons and the governors *. To prevent corruption in the distribution of their offices, and exaction in the governors, two important changes were made. Instead of appointing one person, four candidates, nominated by the community to whom the turn of election belonged, drew lots for the charge. But this alteration would have been attended

* It is necessary to apprise the reader, that when I use the word *governor* simply, I apply it indiscriminately to the governor of the Valteline and the four *podestas*.

with few beneficial effects, had it not been followed by another, which tripled the stipend of the governors, and precluded them from any share in the fines : yet these salutary regulations, which prevented the Grisons from selling the governments at so high a price, were a few years afterwards abolished by the diet. In order, however, to preserve some appearance of impartiality in the choice of the magistrates, it was stipulated in the treaty of Milan, that three candidates should be nominated by the community to whom the election belongs, and that one of these should be appointed by the diet. Yet this mode is a mere formality : three are always presented ; but the diet never fails to nominate the person recommended by the community. These magistracies are allowed to be openly purchased : in general, part of the money is assigned to the public fund of the community, and the remainder distributed among the body of the people, in whom the right of election is vested, and whose votes are seldom obtained without additional bribes. It will easily be imagined what a dreadful scene of * corruption is opened by this mode of

* All authors, both natives and foreigners, who have written upon the Grisons, have not failed to enumerate the ill effects resulting from this sale of governments, which

of proceeding ; and how frequently persons are appointed to the governments, who are totally inadequate to the discharge of their trust.

These magistrates, as representatives of the sovereign state, enjoy the supreme authority, and are entrusted with the power of life and death ; and though apparently controlled by the laws, devise means to evade them. But their authority will be best understood from an account of the civil and criminal courts of justice.

which is authorised by law ; but none have expressed their disapprobation in stronger terms than Fortunatus Juvalta, in the following passage from a manuscript account of the Grisons :

Qui ad honores et præsertim ad quæstuosas illas præfecturas aspirabant, non aliter quam ambitu et largitionibus voti compotes fierent. Omnia enim venalia prostabant, non secus ac aliæ merces.

Neque vero privati tantum homines mercimonia illa exercebant, sed communitates integræ etiam cauponabantur, neque erubescabant præfecturam communitatis cum legationibus ad dictas seu conventus publicos, quarum in ipsorum manu erat electio, cum officiis ad subditos et aliis emolumentis communitati provenientibus, consilio publico, solenniter, constituto pretio, in multos annos vendere, et ne quid ambigi posset, publicis tabulis perscriptis consignare. Indigni prorsus aureâ libertate, utpote qui illam tam turpiter et scelerate profanarent ac prostituerent. Emtores isti emebant, ut carius venderent, ideoque ubi spes aliquæ lucri affulgebat, merces suas venales exponebant, et plus offerentibus addicebant.

The

The criminal tribunal is composed of the governor, vicar, and assessor.

The governor arrests, imprisons, and examines the delinquent; though, according to the letter of the law, no examination ought to be made but in the presence of the vicar and assessor. The criminal being convicted, and the sentence passed, the governor enjoys the power of remitting or diminishing the punishment, excepting in cases of high treason, premeditated murder, or other enormous crimes. He has a small annual stipend paid by the Valteline, but derives the chief part of his income from the fines for criminal offences, of which he receives two-thirds. In all trials he is bound to follow the penal statutes, which are drawn up with great precision and clearness.

The vicar is always a Grison, and is chosen by rotation from the several communities: three candidates are presented to the inhabitants of the Valteline, who appoint one of them to the vacant office. This mode adopted in the treaty of 1639, to check corruption, has not been attended with the desired effect. The community, in whose turn it is to elect the three candidates, leaves to the purchaser of the office the power of nominating his two associates; the diet, in delivering in the three names, recom-

mends the person who had been previously designated by the community, and this recommendation is always accepted by the Valteline. The vicar ought to attend in person all trials when the governor examines the prisoners; but this custom is now fallen into disuse, and in lieu of his attendance, he receives an annual sum of 1127 Grison florins, about £. 83, from the governor of the Valteline and each of the four podestas: a shameful elusion, as the vicar was designed to be a kind of counsel in favour of the prisoner, and to prevent injustice in the mode of examination. When the prisoner is convicted, an account of the process is laid before the vicar, who must confirm the sentence. Torture, for the purpose of forcing confession, cannot be inflicted without his consent, and in his presence, which is never dispensed with. Besides a small salary, and the annual sum of 1127 florins, he has a stated allowance, as well for every consultation, as for each time that he is present at the infliction of torture.

The assessor must be an inhabitant of the Valteline: he is nominated by the vicar from three candidates, chosen reciprocally from each of the three Terzeros. His vote is necessary to concur with the vicar in ordering torture: he must also attend when it is applied, and confirm the sentence

tence passed against the convicted persons. He has no regular salary, but his profits depend upon the number of processes in which he is consulted. This is the only office which gives to the inhabitants of the Valteline any share in the criminal jurisprudence.

According to the original intention of the statutes, the assessor ought to be a person well versed in the laws of the country, and should be considered as an advocate for the accused; but as he is obliged to the vicar for his nomination *, he is commonly his creature, and seldom gives his vote in opposition to him.

Such is the general theory of the criminal jurisprudence in this country, by which it appears that the power of the governor is limited as well by the strict letter of the law, as by the interference of the vicar and assessor, whose concurrence is necessary for passing a final sentence. But this limitation exists only in theory; for the laws are easily eluded, and even made subservient to the conviction of the innocent as well as the guilty. The vicar and assessor, be they ever so upright, can hardly prevent the oppression of the judges; and if they are themselves

* Usually the assessor either pays the vicar for his appointment, or else delivers him all his regular fees of office.

rapacious, they receive their share of the plunder, for conniving at the governor's injustice.

Having gained some insight into the practice of the courts of justice, I shall lay before you the general mode of proceeding, from the arrest of the criminal to his final sentence, interspersing the account with occasional remarks, which will serve to shew the abuses introduced into the administration of justice.

The governor issues the order of arrest, and commits the criminal to prison; he detains him in confinement as long as he pleases, delaying or hastening the inquiry as he thinks fit. The examination is secret, no one being present but the governor, or his substitute, and the notary, who writes down the process. It must be evident with how much ease persons versed in the arts of chicanery can brow-beat the ignorant, and perplex the prisoner, who is allowed no counsel. If the criminal is found guilty, whatever is his crime, he may make a composition with the governor, before the case is referred to the vicar; or, in other words, as the examination is secret, the governor can draw up the process in the most favourable manner, and may give what explanation he pleases.

If no composition is made, the case is laid before the vicar and the assessor, who are obliged to
give

give their vote according to the letter of the law ; and as the statutes are very severe, the penalties are either heavy fines or corporal punishment. In the former circumstance, the governor receives two-thirds of the fine; and, as in the latter, he has the power of remitting the punishment, excepting for the most atrocious crimes, he generally accepts a commutation in money, if the prisoner is able to pay it. By these means most offences may be easily compounded for ; a circumstance which empowers the rich to commit crimes with impunity. It is, however, a matter of little consequence to the governor whether the prisoner is rich or poor ; in the first instance he may receive a composition from the prisoner himself, in the latter from the parish. For, in case the punishment for the crime is corporal, the expences attending it are considerable, as the executioner of Coire must inflict it ; for which reason the governor generally remits the penalty, and receives from the parish a composition in money somewhat less than the expences of inflicting corporal punishment.

We may add to this list of grievances the power possessed by the magistrates of delegating their authority without residing in the government. If the delegate is a Grison, he is called *Assistente* ; if an inhabitant of the Valteline,

Tenente. He either purchases the fines and perquisites upon a calculation of their average value, or is responsible for them to the governor. In some places the delegation is almost always bought by the same person, who resides upon the spot, and becomes a perpetual judge; in others a society of persons join to purchase the profits of the magistracy; they appoint the nominal delegate, and secretly direct the processes. Such a delegation may be called a settled tyranny, and according to the expression of an elegant author *, “*establishes a wholesale traffic between criminals and courts of justice.*”

From this general view of the criminal jurisprudence, we may readily infer the wretched situation of the inhabitants; where the supreme magistrate purchases a temporary office at an exorbitant price, and has an inadequate salary; where the principal profits of his charge arise from the fines for criminal offences; where it is his interest to arraign and to convict; and where he is himself the interpreter of the laws, of which he is commonly ignorant, the accuser of the party, and the judge.

I have already mentioned the power which the governor enjoys of pardoning all offences except

* Eden's Principles of Penal Law, p. 61.

the most atrocious crimes. A pardon of this sort is called *liberatione*; and there are printed papers that contain its form, in which blank spaces are left for the name of the person, the crime committed, the date, and the signature of the judge. I enclose a copy of a liberation *; it

* The following is the form of a liberation :

Podestà Regente della Giurisdizione di Tirano,
e sue Pertinenze, &c. Giudice dé Malefici
con Mero, e Misto Impero, e con
autorità di Spada, &c.

Per tenor della presente, ed in ogni altro miglior modo, &c. abbiamo liberato ed assolto, ficcome liberiamo ed assolviamo, libero ed assolto essere vogliamo, e dichiariamo, che sia.

Here the name of the person is inserted.

da ogni, e qualsivisa pena pecuniaria, arbitraria, o afflittiva del Corpo, nella quale sia incorso, o abbia potuto incorrere per avere.

Here the crime is mentioned.

Item. Da ogni altra cosa annessa, commessa ; incidente ; risultante ; emergente, e dipendente dalle premesse, &c. Però cassando, &c. annullando, &c. comandando, &c. imponendo, &c. restituendo, &c. supplendo, &c. Essendo Noi alla suddetta Liberazione divenuti attesa l'Autorità,

it brings to my recollection those acts of indulgence, which the Catholics obtain from Rome for the absolution of their sins; with this difference, that the acts of indulgence refer to a future state, the liberation to this life.

The price of these pardons varies according to the magnitude of the crime, the condition of the culprit, and more particularly the time in which it is granted; for the sum is greater when a governor first enters upon his office, than when he is retiring. Sometimes, during the last two or three hours previous to the expiration of the office; pardons may be procured at the lowest rate, and I was assured from good authority, that a liberation for homicide has not unfrequently been obtained for about four-pence.

Do not suppose that this account of the venality which reigns throughout the Valteline is exaggerated; for I have taken great pains to ascertain the truth, and it has been confirmed by persons of all ranks, both in the Grison and subject countries. Nor will you be led to imagine that all the governors are equally rapacious

con cui, &c. ed attesa una tenue composizione con Noi, in nome ancora dell' E. C. D. fatta, e pagataci.

Dat. in Tirano dal Pretorio questo giorno anno ?
and

and unjust. Like the Roman proconsuls, some carry their rapine to the height, others are less exacting, and a few are free even from the most distant imputation of injustice.

The civil courts of justice remain to be considered.

Although the governor presides and passes sentence; yet by a singular privilege the cause is not always left to his absolute decision: he examines the witnesses, and draws out the process; but at the request of either party, the cause may be referred to an arbitrator, who is called *Savio*. He is either nominated by the plaintiff and defendant; or, if they cannot agree, is chosen by lot in the following manner: the plaintiff and defendant choose each six persons; from the six appointed by the defendant the plaintiff selects one; the defendant nominates one of the six chosen by the plaintiff, and these two persons draw lots who shall be arbitrator. The arbitrator then examines the acts of the process, gives his opinion, which is called in the statutes of the country *Il Consiglio del Savio*; and should the governor refuse to pass sentence, the opinion of the Savio is *ipso facto* a decision.

From this decision an appeal lies to two arbitrators called *Probi*, who are appointed by the parties

parties in the manner abovementioned: should they disagree, then the two parties amicably nominate a counsellor, who accedes to one of the Probi; this sentence is final, if it concurs with that of the Savio; but otherwise, a farther appeal lies either to the syndicate or diet, and ultimately to the several communities of the three leagues. When the governor decides in the first instance he receives three *per cent.* of the contested property, but only one *per cent.* when recourse is had to arbitration, the other two *per cent.* being paid to the Savio.

By this singular privilege of referring to arbitration in all causes of property, the civil courts of justice are not open to such corruption as the criminal tribunals; yet venality has taken so deep a root in the affairs of this unhappy country, that bribery finds its way even into these tribunals. When the civil causes are brought into the governor's court, and decided by him without the intervention of the Savio and Probi, there is an appeal to the syndicate, a body whose office I shall now explain.

At the end of every two years, when the magistracies expire, syndicates are appointed by the Republic of the Grisons, for the purpose of inquiring into the administration of the several governors, and of hearing appeals from their decisions.

cisions. This court is composed of nine members, including the president, chosen reciprocally by the communities, three from each league. They make a circuit into each of the subject provinces; send out proclamations, that they are ready to receive all accusations against the governors, examine witnesses, decide appeals, and mitigate fines, without the concurrence of the vicar and assessor. They do not, however, finally determine in civil causes, which may be referred from their decision to the diet. The syndicate, which was intended to oppose corruption and injustice, is nevertheless the great support of both; nor can it be otherwise; for the syndics purchase their office from the several communities, and as their salary is very small, can only reimburse themselves by receiving bribes from the judges or from the appellants. Their office is bought for a greater or smaller sum, as more or less appeals of consequence are to be submitted to their arbitration. And what occasions still greater abuses, when a cause of great importance is to be referred to the syndicate, the governors frequently purchase from the communities, in whose right the election is for that time vested, the power of nominating the syndics, and of course appoint their own creatures. Hence this court is become
so

so corrupt as to give rise to a proverb, “*As venal as the syndicate.*”

Having thus endeavoured to draw a general sketch of the civil and criminal jurisprudence in this country, I shall now mention the domestic administration of affairs.

All public concerns, which do not fall under the jurisdiction of the Grisons, are discussed and determined by a council composed of five representatives, one from each district, which meets as occasion requires at Sondrio. Previous to its sitting, the public notary writes to the several parishes of the five governments, informing them of the business to be transacted: each parish has its meeting, in which every householder possesses a vote; and each district has its assembly composed of deputies from the several parishes, who choose the representatives. In all affairs of importance, the representatives are bound to vote in conformity to instructions received from their constituents, and all cases of importance are decided by a majority of voices. The council is empowered to demand a redress of grievances from the Grisons, and to remonstrate against infractions of the privileges granted to the inhabitants by the Capitulation of Milan. The governor of the Valteline is present, but has no vote.

The

The tribute which the Valteline pays to the Grisons is so small, the salaries of the governors so inconsiderable, and all duties so trifling, that most writers, who have had occasion to mention this valley, have described it as the most happy and the least oppressed of all subject provinces; without reflecting, that notwithstanding these advantages, the country is annually drained of a sum very disproportionate to the ability of the inhabitants.

It is difficult to ascertain the exact amount of this sum, as it arises chiefly from the secret as well as public profits of the courts of justice. But when we consider that the greater part is procured by extortion; that scarcely any distinction is made between innocence and guilt; that great crimes are committed with impunity, and petty offences severely punished; we may add, that the mode of exaction is more detrimental to the country than the loss of the specie itself; inasmuch as a corrupt administration of justice is the worst of all oppressions.

The clergy of the Valteline are not responsible to the ordinary courts, their immunities being so exorbitant as to render them almost independent of the civil authority; they are only amenable to the court of the bishop of Como. If a priest is guilty of any misdemeanor, his
person

person cannot be secured without the concurrence of the bishop, and governor of the district in which the crime was committed. It is therefore extremely difficult to bring an ecclesiastic to justice; as impunity is easily purchased, either by securing the favour of the bishop's vicar or of the magistrate. Nor are these pernicious privileges confined merely to the clergy, but extend to all persons wearing an ecclesiastical dress, with the permission of the bishop of Como.

The Grisons have frequently endeavoured to abolish these immunities, but always without effect. The nobles of the Valteline are interested to support the privileges of the clergy, because they can easily obtain the permission of wearing the ecclesiastical dress, and can secure their property, by leaving their estates to the clergy at the extinction of all the heirs named in the succession. Such estates, called *beneficia gentilitia*, are very common in the Valteline, and cannot be seized for debt, or confiscated.

All civil causes of the clergy, below the value of two hundred livres *, are decided by the vicar of the bishop of Como : above that sum they are brought before the bishop. An appeal from

* Sixty-four Valteline livres = a pound sterling.

his decision lies to the pope's nuncio at Lucern, from him to the ecclesiastical tribunal at Aquileia, and from thence to Rome.

LETTER 77.

*Teglio—Sondrio—Anecdotes of the Painter Ligario
—Morbegno—Delebio.*

INSTEAD of proceeding by the nearest road from Tirano to Sondrio, I made a circuit by Teglio. I traversed the plain of Tirano, rich in all the productions of nature, and continued for some way at the foot of the northern ridge of mountains, which are highly cultivated to their very summits. Lower towards the south-east, and further towards the north-east, the tops of the rugged Alps make their appearance, glistening with snow. I passed through a continued vineyard, and the soil is so fertile, that corn, millet, flax, and hemp, are sown among the vines, which overhang in beautiful festoons. Every village is adorned with a thick grove of chestnut-trees, whose rich and dark foliage produces a pleasing effect.

Teglio,

Teglio, situated upon the top of a mountain, about nine miles from Tirano, and twelve from Sondrio, is a long straggling place, and contains about three hundred houses. Close to the town are the ruins of a fortress standing upon an insulated rock, and formerly esteemed of great strength. This elevated spot commands a very rich and extensive prospect from Tirano to the lower part of the valley beyond Sondrio, as far as Morbegno. The government of Teglio is said to comprise the twelfth part of the Valtelline; it is the most populous district, and contains about eight thousand souls; it produces in a good season much more corn than is sufficient for the consumption of the inhabitants, and rivals Sondrio and Tirano in the goodness of its wine.

Finding little at Teglio but the face of the country to excite my curiosity, I proceeded in my journey to Sondrio, through a tract equally cultivated with that which I had already passed. I descended by a gentle slope until I came to the Adda, which I followed, as it roars through the plain, sometimes confined in a narrow channel, sometimes expanding in a wider bed, and threatening the country with continual inundations.

Sondrio is the capital of the valley, the residence of the governor and of the vicar; but
like

like all the towns I have hitherto seen in the Valteline, seems deserted, and displays little appearance of trade or animation. The town, partly built in a plain, and partly upon a rock, is placed in a very romantic situation, at the extremity of a narrow valley, and occupies both sides of the Malenco, a furious torrent which frequently overflows its banks. Many of the houses are very ancient; for I observed the arms of the Visconti, formerly the sovereigns of this country, painted upon the walls; these arms, representing an enormous serpent crushing a man in his jaws, are too remarkable to escape observation.

The Valteline, from its neighbourhood to Italy, has imbibed a taste for the fine arts, and contains several collections of pictures which are not unworthy of notice. This country, however, has produced few artists of any eminence. Pietro Ligario is almost the only painter who deserves to be mentioned, and his name is scarcely known beyond the limits of the Valteline.

Ligario was born at Sondrio in 1686, of the ancient family of Ligario, which took its name from a neighbouring village. Having discovered a lively genius, and a taste for the elegant arts, he was sent when young to Rome, under the care of Lazaro Baldi, from whom he learnt that

exactness of design which characterises the Roman school. From thence he repaired to Venice, and passed some time in studying that exquisite colouring, for which the Venetian masters are distinguished. He made himself first known at Milan, where he met with some encouragement; and in 1727 returned to the Valteline; he found, however, but little employment, until he was honoured with the patronage of Count Desalis, Envoy from Great Britain to the Republic of the Grisons. As he rose in reputation his business increased; but, being always poor, he was frequently compelled to finish his productions with such haste, as rendered it impossible to give all of them that perfection, which he was capable of bestowing. Hence arises that inequality which is so remarkable in his paintings.

There is scarcely a church in the Valteline which does not possess one of his pictures: the most capital of his pieces are the martyrdom of St. Gregory, in one of the churches at Sondrio, and St. Benedict, in the chapel of a nunnery near the town. These were his latest performances; and as they were, contrary to his usual custom, finished with great labour and exactness, may be considered as the test, from which we ought to estimate his abilities as a painter.

The

The figures are well grouped, the principal characters distinctly marked, and the expression of the heads is admirable; the style of colouring is lively without being gaudy, and chaste without being dull. A few days after he had painted St. Bénédict, he was seized with a violent fever, and expired in 1752, in the 67th year of his age.

Ligario is described by the connoisseurs as a painter who united correctness of design to beauty of colouring. He is remarkable for grouping his figures to the best advantage, and his heads are drawn with a noble simplicity; he is, however, represented as too much inclined to an imitation of the antique; his figures often resemble statues, and the folds of his drapery fall with too much precision, like the wet drapery in the sculpture of the antients. The character of his faces is chiefly Grecian; but, it is remarked, that they are too similar to each other, and look like the portraits of persons of the same family; a circumstance not unusual to those, who too servilely copy the antique.

Beside painting, Ligario was skilled in music, mechanics, and agriculture, and has left behind him specimens of no ordinary acquaintance with each of those arts. He made, for his own amusement, an organ of large dimensions, and

constructed a clock with a cylindrical pendulum, remarkable for the accuracy of its movements. He was fond of rearing plants and simples, and was so much attached to the study of agriculture, that he wrote instructions to his family, upon the cheapest and best method of cultivation. He endeavoured to infuse into his son and daughter, Cæsar and Victoria, a fondness for the polite arts. They both followed their father's profession, but although not without some degree of merit, failed of equalling his reputation. Victoria was chiefly distinguished for her skill in vocal and instrumental music.

I rode this morning to see the painting of St. Benedict, at a nunnery about a mile and an half from Sondrio; having examined the painting, the abbess sent a message, desiring the favour of my company, which I accepted with pleasure. Upon entering the parlour, I made my obeisance to the abbess, who in company with two nuns, was seated on the other side of the grate. After the usual compliments, and inquiries if I was pleased with the picture, wine and cakes were brought in; the wine was the produce of their own vineyards, and was excellent; the cakes were shaped like skulls and bones.

The abbess and her friends behaved with great ease and politeness; they asked many questions relating

relating to England, natural to persons sequestered from society ; and one of them apologized for their curiosity, by remarking, that women were not less inquisitive or less fond of talking, because they were shut up in a nunnery. The person who made this remark was pale, but not unhealthy ; her figure was remarkably fine, and she had been very handsome : a disappointment in love, as I am informed, first induced her to take the veil, and to bury so much beauty and elegance in a convent. Struck with her manner and address, I could not help wishing that she may never live to regret such a step, and may feel all that ease and tranquillity of mind, which are expected, but not always found by those who take the veil.

I am just returned to Sondrio, from a small excursion to Morbegno, and towards the extremity of the Valteline as far as Delebio. Near Sondrio the valley is about two miles in breadth, and remarkably fertile in vines and all kinds of grain. The right chain of mountains is clothed almost from the bottom to the summit with a continued vineyard, which is esteemed to yield the best wine in the Valteline. I rode along the plain which stretches, without interruption, from Sondrio to the lake of Como. The middle part of this plain is occupied, and frequently

overflowed by the unruly Adda, and being marshy yields nothing but coarse pasturage; the sides rise gradually into gentle acclivities, and display a rich variety of natural productions.

Morbegno lies on the left side of the Adda, at the foot of the southernmost chain; it is the handsomest town in the Valteline, and appears to have more shops, and to carry on more trade than all the others united. M. Planta, the present podesta of Morbegno, no sooner heard of my arrival, than he politely waited upon me at the inn, and invited me to his house. Finding that I was desirous of proceeding to Delebio, he insisted upon accompanying me; and having ordered his carriage, proposed an immediate departure, that we might return to his house by supper. M. Planta is the same gentleman to whom I was obliged for so hospitable a reception at his house at Cernetz; and I am happy to find that he is among the few who act with honour and integrity in this land of extortion. When vicar of the Valteline, he discharged the duties of that important office with great credit, and has entered upon his government with the same spirit of integrity. There is a pleasure in receiving acts of politeness in a foreign country; but it is a double satisfaction to be obliged to persons whose

whose characters are deserving of the highest esteem.

The road from Morbegno to Delebio runs along the foot of the chain of mountains, which separate the Valteline from the Venetian territories. This chain having a northern aspect yields few vines, but is richly clad with hanging groves of chefnut-trees, checquered with meadows and fields of corn. The Valteline expanded gradually as we advanced towards the lake of Como; in this part the whole plain is chiefly a morafs, exposed to the inundations of the Adda, which flows in a wide channel. The filk, which begins to be of great importance in the trade of this valley, is chiefly exported from Delebio, through Chiavenna, into Germany. Upon my return to Morbegno, I supped with M. Planta, and after the repaft was entertained with an excellent concert.

After returning to Sondrio, I crossed the Adda opposite Morbegno, over a handsome stone bridge, and proceeded along a road carried at the foot, and on the sides of the northern chain of mountains. It was almost a continued vineyard, with millet, Turkish corn, flax, and hemp, growing between the ranges of vines.

The romantic beauties of the Valteline are greatly heightened by the numerous remains of

antient fortresses and castles ; they were all dismantled soon after the capitulation of Milan*, from a recent experience, that the inability of the Grisons to provide them with sufficient garrisons, exposed them to the enemy, and rendered them for the most part a source of annoyance rather than protection. It might be imagined, that some of these fortresses ought to have been retained for the purpose of aweing the inhabitants : such an implicit confidence, however, is reposed by the Grisons in the guaranty of the country by the house of Austria, that they do not maintain a single soldier throughout the whole Valais.

* See Letter 89.

LETTER 78.

*Commerce — Productions — Population — of the
Valteline.*

THE chief commerce of the Valteline is carried on with Milan and the Grisons. The principal exports are wine and silk, which turn the balance of trade in its favour; they enable the inhabitants to exist without any manufactures, and help to supply the money which is exacted by the governors.

The wine is sent into the Grisons, Germany, the Venetian states, Bormio, and occasionally to Milan. Upon a rough calculation 73,000 soma, or horse-loads, are annually exported: this year the soma sold for a pound sterling, which may be considered its average value. The silk is sent to England, Zurich, and Basle. The district of Delebio and Talomara produces the finest silk, the neighbourhood of Sondrio the next in quality, and the district of Tirano supplies an inferior sort. Three thousand pounds of the finest sort, which is esteemed as good as the silk procured from Piedmont, is sent annually to England by

way of Ostend. The greater part is wound in the Valteline, for which purpose there are silk mills in the principal districts.

Besides these commodities, the Valteline exports planks, cheese, butter, and cattle. The inhabitants receive from Milan, corn, rice, salt, filken stuffs; from Germany and Switzerland cloth and linen; from Genoa, spices, coffee, and sugar.

There are no manufactures in the Valteline, and almost all the menial trades are exercised by foreigners.

The population of the Valteline may be estimated from the following rough sketch :

Upper District contains	—	20,000 souls.
Government of Toglio	—	8,000
Middle District	—	18,000
Lower District	—	16,000
Total		<hr/> 62,000

The cottages of the peasants, which are built of stone, are large, but gloomy, generally without glass windows : I entered several, and was every where disgusted with an uniform appearance of dirt and poverty. The peasants are mostly covered with rags, and the children have usually an unhealthy look, which arises from their wretched manner of living. The last year's drought

drought occasioned such a scarcity of provisions, that the poor inhabitants were reduced to the most extreme necessity. The price of bread was unavoidably raised so high, that in many parts the peasants could not purchase it; and their only food was for some time a kind of paste, made by pounding the hulls and stones of the grapes which had been pressed for wine, and mixing it with a little meal. Famine, added to their oppressed situation, reduced the inhabitants to the lowest condition of human misery, and numbers perished from absolute want. But it is a pleasure to reflect, that they are in some measure relieved by the plentiful harvest of the present year.

Perhaps no part of Europe is more fruitful than the Valteline, and yet there is no country in which the people are more wretched. Many reasons may be assigned for the misery to which they are reduced. The first and principal cause is the form of government. The governors generally abuse the exorbitant authority entrusted to them by the laws; the peasants are imprisoned upon the slightest information, and as all transgressions are punished by fines, an accused person is seldom acquitted; so that a considerable number are annually ruined in the courts of justice.

Beside

Beside the individuals who are supposed to suffer for their own guilt, the parishes are subject to continual assessments, towards defraying the expences for the trial and imprisonment of the poor parishioners: if they are unable to pay the sum required, it is demanded from the parish to which the criminal belongs. In this case it frequently happens, that the assessments, instead of being laid upon the landholders, are imposed upon each hearth, by which means the chief burden falls upon the poor.

Another cause of wretchedness proceeds from the present state of property. Few of the peasants are landholders; as from the continual oppression under which the people have groaned for above two centuries, the freeholds have gradually fallen into the hands of the nobles and Grisons, the latter of whom are supposed to possess half the estates in the Valteline. The tenants who take farms do not pay their rent in money, but in kind; a strong proof of general poverty. The peasant defrays the costs of cultivation, and delivers near half the produce to the landholder; the remaining portion would ill compensate his labour and expence, if he was not in some measure befriended by the fertility of the soil. The ground seldom lies fallow, and the richest parts of the valley produce two crops;

crops ; the first is wheat, rye, or spelt, half of which is delivered to the proprietor ; the second is generally millet, buck-wheat, maaze, or Turkey corn, which is the principal nourishment of the common people ; the chief part of this crop belongs to the peasant, and enables him in a plentiful year to support his family with some degree of comfort. Those who inhabit the districts which yield wine are the most wretched ; for the trouble and charge of rearing vines, of gathering and pressing the grapes, is very considerable ; and they are so apt to consume the share of liquor allotted to them, in intoxication, that, were it not for the grain intermixed with the vines, they and their families would be left almost destitute of subsistence.

Besides the business of agriculture, some of the peasants attend to the cultivation of silk ; they receive the eggs from the landholder, rear the silk-worms, and are entitled to half the silk. This employment is not unprofitable ; for although the rearing of the silk-worms is attended with much trouble, and requires great caution ; yet as the occupation is generally entrusted to the women, it does not take the men from their labour. With all the advantages, however, derived from the fertility of the soil,

soil, and the variety of its productions, the peasants cannot, without the utmost difficulty, and constant exertion, maintain their families; and are always reduced to the greatest distress, whenever the season is unfavourable to agriculture.

To these causes of penury among the lower classes, may be added the natural indolence of the people, and their tendency to superstition, which takes them from their labour. Upon the whole, I have not, in the course of my travels, seen any peasantry, except in Poland, so comfortless as the inferior inhabitants of this valley. They enjoy indeed one great advantage over the Poles, in not being the absolute property of the landholder, and transferable, like cattle. They are therefore at liberty to live where they chuse, to quit their country, and seek a better condition in other regions; a relief to which distress often compels them to have recourse.

Chiavenna, August 15.

I quitted Sondrio yesterday afternoon, and went up the valley of Malenco; yielding vines, chefnut-trees, rye, oats, and pasturage. As I ascended, the sides of the mountains were clothed with birch and firs; and their summits produced nothing but a scanty herbage. The inhabitants of this valley appear healthier, better clothed,
and

and more industrious, than the other peasants of the Valteline. In consequence of their distance from the seat of government, they are less exposed to the rapaciousness of the Grison governors, and for the most part possess a small portion of land. The valley is narrow, and watered by a torrent, which forms a continued cataract; the road is a faint path, by the side of a precipice, and carried over huge fragments of rocks. I passed the night in a solitary hut at the bottom of the Muret; the next morning mounted a rugged ascent in the channel of a small stream, observed nothing but bare rocks, without the least appearance of vegetation, came to the top of the Muret, and traversed a large mass of snow and ice.

In these alpine situations the traveller sees, within the space of a few hours, nature in all her shapes; in the Valteline rich and fertile; here barren and stupendous. These regions are so dreary and desolate, that were it not for an occasional traveller, the flights of a few strange birds, the goats browsing on the rugged alps, and the shepherds who tend them, nature would appear quite inanimate. In these elevated spots, while I was

“ Placed above the storm’s career,”

I noticed

I noticed the pleasing effect produced by the vapours and mists floating in mid air beneath me ; circumstances finely felt and described by the author of the Minstrel.

“ *And oft the craggy cliff he lov’d to climb,*
“ *When all in mist the world below was lost :*
“ *What dreadful pleasure there to stand sublime,*
“ *Like shipwreck’d mariner on desert coast,*
“ *And view the enormous sea of vapour, tost*
“ *In billows lengthening to the horizon round,*
“ *Now scoop’d in gulphs, with mountains now emboss’d !”*

From the top of the Muret I descended about three hours a craggy, desolate, and uninhabited country, and noticed the gradual increase of vegetation as I approached the road leading to Chiavenna, a little above Casazza. This passage over the Muret, which serves for the transportation of wine and other merchandise from the Valteline to the Grisons, is only open about five months in the year.

LETTER 79.

*Chiavenna—Valley of St. Giacomo—Chapel of
St. Gulielmo.*

Chiavenna, Sept. 16.

MY correspondence with you has been for some time interrupted. The day after my arrival from the Valteline, I was seized with a lassitude which I attributed to the fatigue of the journey ; it ended in a violent pain and swelling of my right-hand, the effects of a rheumatism, which probably seized me the night I passed at the bottom of the Muret : not being able to procure a bed, I slept in the hay-loft, and suffered much from the piercing north wind, which blew from the glacier. I likewise imprudently walked the next morning, without intermission or refreshment, for the space of seven hours, from the top of the Muret to Bondo ; so that the cold and fatigue brought on a rheumatic complaint which has detained me six weeks. During great part of the time I wore my arm in a sling, and was incapable of writing a line. What I most regret in this delay is, that I have been prevented from attending the general diet

of the Grisons, which was held at Davos the latter end of last month.

The county of Chiavenna came under the sovereignty of the Grisons in the same manner and at the same time with the Valteline. During the war of the Valteline, it frequently changed its masters, but at the peace of Milan, was finally restored to the Grisons. It is ruled, like the other subject provinces, by a Grison governor, who is called Commissary, and in a few instances is even less limited in his power than the judges of the Valteline.

The criminal court of justice is formed by the commissary, and the assessor, who is appointed by the commissary, from three candidates nominated by the county. He must attend all examinations, concur in ordering torture for the conviction of a criminal, be present when it is inflicted, and ratify the final sentence; but as the assessor owes his place to the commissary, and shares in his exactions, he is a mere cypher, and seldom ventures to exert his right of interposing a negative. This circumstance renders the courts of justice in Chiavenna more uniformly iniquitous than even those of the Valteline: for the close union between the commissary and assessor almost precludes a chance of redress, and gives unbounded scope to oppression. It would be
unne-

unnecessary to describe the mode of proceeding established in this court of justice, as it is similar to that of the Valteline. In civil causes the commissary receives five *per cent.* of the contested property, and an appeal from his decision may be submitted to the syndicate.

Chiavenna, the capital, is situated at the foot and upon the side of a mountain, and contains about 3,000 souls. The inhabitants carry on but little commerce; the principal article of exportation (excepting the stone pots mentioned in a former letter *) is raw silk, of which the whole country produces about 3,600 pounds. A manufacture of silk stockings, the only one in the town, has been lately established. The neighbouring country is covered with vineyards; but the wine is of a meagre sort, and only a small quantity exported. The great support of Chiavenna is the transport of merchandise; this town being the principal communication between the Milanese and Germany, and from hence the goods are sent either by Coire into Germany, or through Pregalia and the Engadinas into the Tyrol. A duty is laid by the Grisons upon all the merchandise which passes through Chiavenna; but is so small, that the whole customs,

* See Letter 69.

including those in the Valteline, are farmed for 17,000 florins, or about £.1260 per annum.

The principal object of curiosity in the environs is the fortress in ruins, seated upon the summit of a rock, which overlooks the town, once celebrated for its almost impregnable strength. The only road which leads up to it is steep and craggy ; the walls occupy a large space of ground, and are now covered with vines. The strongest part of the fortress was constructed upon an insulated rock, rent, as some persons conjecture, from the contiguous mountain, by a violent convulsion of nature. It is on all sides absolutely perpendicular, and the only communication with the castle was by a draw-bridge thrown across the intervening chasm. Others * suppose that the separation of this rock was the work of art, and affirm that it was excavated in 1343, by order of Galeazzo Visconti. The length is above 250 feet, the height about 200, and the greatest distance from the adjoining rock about 20. This fortification, though always deemed impregnable, was taken at different periods, some-

* We may, perhaps, reconcile these two opinions, by admitting that the opening was originally occasioned by a violent convulsion of nature, but afterwards enlarged by art.



L. Allen fecit

St. George's

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times by assault, but more frequently by famine or stratagem; it was finally demolished by the Grisons themselves.

Close to Chiavenna is a rock of asbestos, a kind of mineral substance, of a greyish silver colour, which can be drawn into longitudinal fibres as fine as thread, and was manufactured by the ancients into a species of cloth resembling linen: it is frequently mentioned by Pliny, and being indestructible by fire, was principally used for shrouds, to preserve the ashes of the dead bodies separate from those of the wood. The art of weaving asbestos into linen is not lost; but, as it is very troublesome and expensive, and as the custom of burning bodies, which gave it a value, is no longer in use, the manufacture is discontinued. Beside the rock of asbestos, near Chiavenna, several other mountains yield the same substance; the best sort is found in the mountains that border the valley of Malenco, of which I have seen many fine specimens.

Quitting Chiavenna, I entered the valley of St. Giacomo, which is narrow, and watered by the torrent Lira. It is part of the county of Chiavenna, contains about ten parishes, is under the jurisdiction of the commissary, and possesses several important privileges that preserve the in-

habitants from the oppression which their neighbours endure. All causes are tried in the valley. The criminal statutes are those of Chiavenna, with this difference only, that instead of the assessor the valley chuses four persons, who are always present at the examination; and without whose concurrence torture cannot be inflicted, nor sentence passed. The valley has its own code of civil jurisprudence, and courts independent of the commissary, from the decision of which an appeal lies to the diet.

The lower part of the valley produces vines and corn: the upper, rye, barley, and pasture, mixed with large groves of fir and pine. On my left I passed the church of St. Guglielmo, supposed to have been erected in honour of William king of Sicily, the last sovereign of the male branch of the Norman line, which commenced in Count Roger, who conquered Sicily from the Saracens in the latter end of the eleventh century.

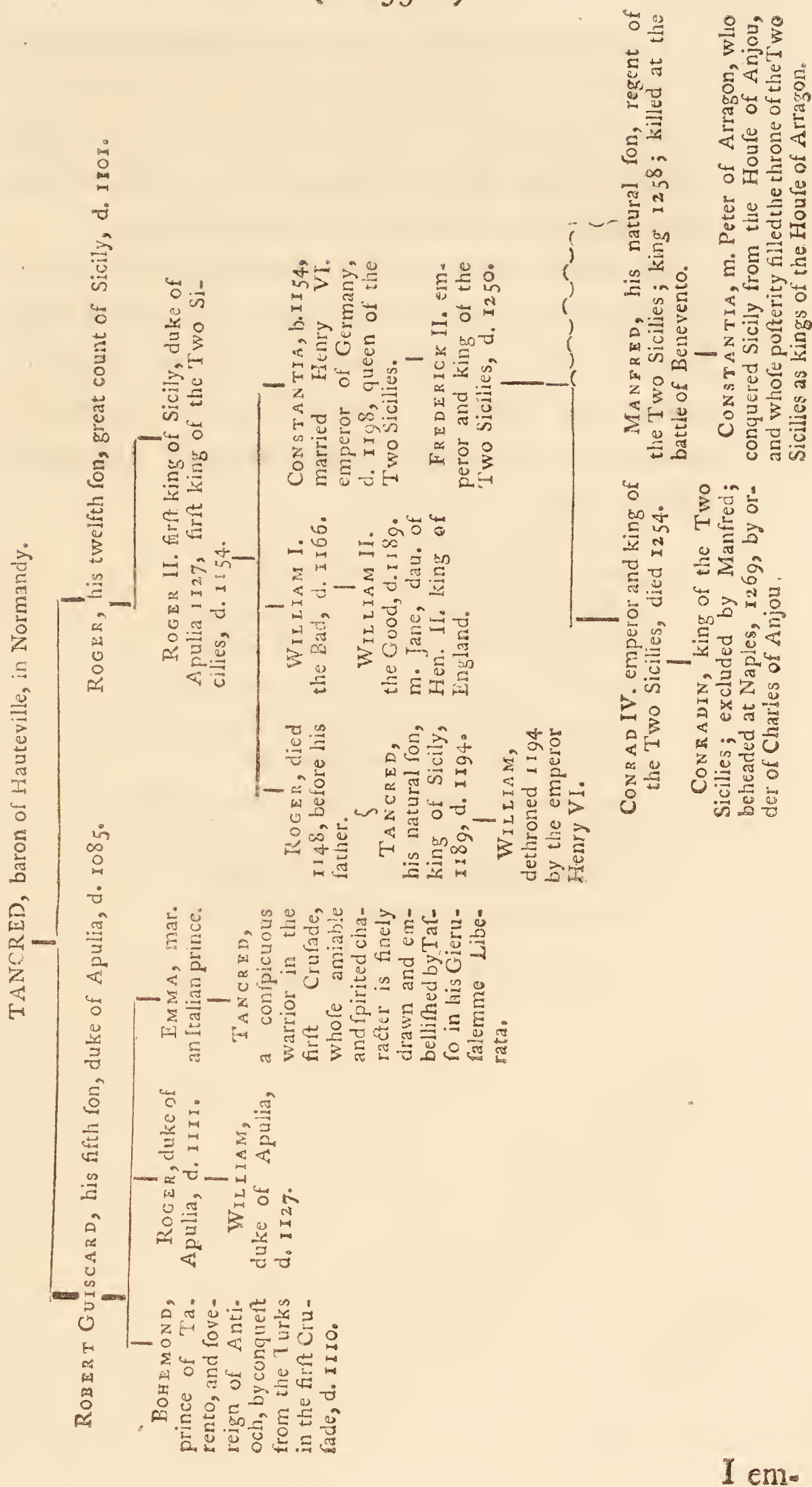
Roger was twelfth son of Tancred de Hauteville, a Norman baron, and brother of the celebrated Robert Guiscard, the bravest of those brave Norman adventurers who sallied from their native country, formed a flourishing but temporary establishment in the southern parts of Italy, and furnished by their exploits ample materials for
history

history and romance. The son of Count Roger, who inherited the name and spirit of his father, erected Sicily into a kingdom; and at the extinction of the male line of Robert Guiscard in the person of William, duke of Apulia, annexed Apulia and Calabria to Sicily, and reigned over those territories, under the title of the Two Sicilies, which now comprehend the present kingdom of Naples and Sicily. The throne of Roger was successively filled by his son William the First, surnamed the *Bad*, and by his grandson William the Second, distinguished by the name of *Good*. On the demise of William the Good without issue male, the Sicilians excluded Constantia, daughter of Roger, and wife of the emperor Henry the Sixth, and elected Tancred illegitimate grandson of the first king. Tancred dying in 1193, William, his only surviving son, was crowned while an infant. Being dethroned by Henry the Sixth, who claimed the Two Sicilies in right of his wife Constantia, he was imprisoned with his mother Sibilla, in the fortress of Ems, near Coire. Some authors assert that he was deprived of his sight, others that he was mutilated by order of Henry. Some relate that he died in prison, others that he was released, together with his mother Sibilla; that he accompanied her to France, but disgusted with the

world retired to this spot, passed the latter part of his days as an hermit, with great reputation of sanctity, and was canonised after his death. Such contradictory accounts occur frequently in the history of the dark ages. Muratori, who from his knowledge of the ancient records of those ages, is the most capable of solving this difficulty, leaves the question undecided; but seems inclined to believe, that William was released from his captivity, and afterwards turned hermit.

I shall subjoin a genealogical table of the Norman line which is very complicated and obscure, and erroneously represented by many writers.

Genealogical Table of the Norman Sovereigns of Naples and Sicily.



I employed three hours in mounting from Chiavenna to the pleasant plain of Campo Dolcino, and ascended from the extremity of that plain to Isola, the last village in the valley of St. Giacomo, from whence I am now writing.

In these parts, where mountains rise over mountains, and alps tower above alps, those fallings of snow, mentioned in a former letter *, under the name of *Avalanches*, are extremely common; they are justly and warmly described by the poet of nature †.

*Among these hilly regions, where embrac'd
In peaceful vales the happy Grisons dwell;
Oft, rushing sudden from the loaded cliffs,
Mountains of snow their gath'ring terrors roll.
From steep to steep, loud thund'ring down they come,
A wintry waste in dire commotion all;
And herds and flocks, and travellers and swains,
And sometimes whole brigades of marching troops,
Or hamlets sleeping in the dead of night,
Are deep beneath the smothering ruin hurl'd.*

* Letter 31.

† Thomson's Seasons.



L. Allen Jr.

Mount S. Hugen

J. Smith del.

LETTER 80.

*Splugen—The Grey League—Rheinwald—Via
Mala—Tufis—Nicholas Rusca.*

FROM Ifola the ascent is steep and rugged to the top of mount Splugen, and the torrent Lira roars from precipice to precipice in stupendous cataracts. The road is hewn in the solid rock; in many places it has the appearance of steps, in others is perforated through the mountain; in pursuing my way over this dreary tract, I was frequently reminded of the road down the Gemmi *. Toward the summit of the Splugen is an oval plain about two miles long and one broad, encircled with craggy points; it produces no trees, but yields rich pasturage; near the summit are rude blocks of a whitish kind of marble.

I baited my horses at a small inn which stands at the extremity of the oval plain, and is the only house between the valley of St. Giacomo and Splugen. Before the door I observed at

* Letter 33.

least a hundred horses laden with merchandise ; not less than three hundred are said to pass daily in this season of the year.

Gently ascending from this oval plain, I observed the source of the Lira, which falls into the lake of Chiavenna, and soon afterwards crossed the highest ridge, on the other side of which the torrents flow towards the Rhine. The country is wild, and scarcely produces a single tree ; as I descended, firs began to make their appearance, at first thinly scattered over the rocks, and gradually thickening into large forests. This passage over mount Splugen is principally used for the transport of merchandise to and from Coire ; it is kept open even in winter, though not without great difficulty ; in that season the merchandise is chiefly transported on sledges, of which forty or fifty pass in a day.

The territory of the Grey League occupies all the eastern tract of this mountainous country, and is by far the most considerable, in extent as well as population, of the three Grison leagues. The etymology of the word *Grigia*, or *Grey*, which gives its name to this league and the whole country, is extremely uncertain. Some authors have conjectured, that the people of this district were the original inhabitants of the country, and were called *Grey*, to distinguish them

them from the more modern inhabitants, by an allusion to *grey* hairs, an emblem of antiquity. Others, on the contrary, dating this appellation from more modern times, assert that the first authors of the revolution, which, in 1424, gave liberty to the communities in the Grey League, were dressed in the coarse *grey* cloth of the country; and in commemoration of this great event the league was called *Grey*. This appellation, however, is of very high antiquity, and existed long before the revolution. Tacitus calls the inhabitants of this country *Rhætos Griseos, id est canos*; and Ammianus Marcellinus styles the district about Coire, *Canos campos*, or the *Grey* Fields. Hence it appears how very fruitless must be any investigation concerning the true etymology of this word, which lies hid in remote antiquity, beyond the reach of our most inquisitive researches.

Without entering too minutely into etymological disquisitions, we may only remark in general, that the term Grisons, or *Grey* people, was the general name by which *all* the inhabitants of Rhetia were distinguished, and was not confined to that particular district now called the Grey League. The appropriation of the term to that particular body, may be thus accounted for. When the inhabitants of this district first rose in arms, for
the

the purpose of asserting their independence, they naturally styled themselves, the League of the people called Grifons, or the *Grey League*; while those of the two other districts, who afterwards formed similar associations, although equally known by the name of Grifons, took other appellations to distinguish themselves from the first confederacy.

The territory now occupied by the *Grey League* was formerly subject to the abbot of Disentis, the counts of Werdenberg, of Sax, of Masox, and the baron of Retzuns. The people seem to have originally possessed considerable privileges, which were gradually undermined, and occasionally violated by their chiefs and barons, who, being engaged in perpetual hostilities with each other, laid great exactions upon their subjects, in order to pay their troops. At length the people, impatient of oppression, and excited by the example of the neighbouring Swiss republics, determined to deliver themselves from the grievous subjection under which they laboured.

The meeting of the insurgents was by no means attended with any unwarrantable excesses, natural to an enraged populace, but was conducted with the greatest composure. The leading members of the several communities having previously

previously concerted the plan, a solemn deputation was dispatched to the respective sovereigns, assembled at Truns; the deputies laid the grievances before the chiefs, from whom they not only extorted redress, but procured a confirmation of several obsolete privileges, and the addition of many others. In consideration of these concessions, the chiefs reserved to themselves certain prerogatives, which some of their descendants or successors possess at this day; a distinction which is now peculiar to this league, and renders the general constitution in some respects more aristocratical than that of the two others.

These prerogatives consist in being present at the annual diet of the league, and in alternately proposing three candidates for *Landrichter*, or chief of the league, from whom one is nominated by the deputies. The counts of Wirtemberg being extinct, these prerogatives are now confined to the emperor of Germany, as baron of Retzuns, the abbot of Disentis, and the temporary count of Sax. No real count of Sax now exists; for, upon the extinction of that family, certain communities* of the Grey League seized

* These communities are Lungnetz and Vals, Ilants and Grub, Flims and Castris.

the domains, and continue to exercise the rights which were formerly enjoyed by the counts of Sax.

The mode of creating a titular count, is as follows: A few days before the meeting of the diet of the league assembled at Truns, the communities in question reciprocally elect a person who represents the count. He is called in Romanish * *Cau de Saxe*, and, although not unfrequently a common peasant, sits, at the diet, upon the same bench with the representative of the House of Austria and the abbot of Disentis, is addressed by a title equal to his supposed dignity, nominates the Landrichter every third year, and, having discharged his office, sinks at the expiration of a few days into his ordinary rank.

Another distinction peculiar to the Grey League ought not to be omitted. Like the other leagues, the particular districts possess their courts of criminal justice in the last resort; but in all civil causes above a certain value, an appeal lies to sixteen deputies annually assembled at Truns; I only mention the fact in this place, but shall have occasion to enlarge upon it in a future letter.

* Literally *head* of Sax. *Cau* is supposed to be a corruption from *caput*.

Splugen, situated upon the rise of an hill, at the bottom of a rugged chain of alps, is the principal place in the valley of Rheinwald which forms a high jurisdiction of the Grey League. The Rheinwald is so called from the Hynder Rhine, which takes its rise upon the Vogelsberg, at the distance of twelve miles, and runs through this valley. It was my intention to visit this source, but my late indisposition will not permit me at present to take fatiguing journeys in these mountainous regions.

The inhabitants of the Rheinwald speak German, although they are entirely surrounded by people who use a different language. Towards the south, beyond the mountains of Splugen and St. Bernardin, in the valleys of St. Giacomo and Masox, Italian is the common tongue; towards the north and east, in the valleys of Schams, of St. Peter, and of Lugnetz, Romansh is spoken. This remarkable circumstance has led many authors to conjecture that the people of this and other districts of the Grisons, who talk German, are descended from the *Lepontii*, supposed to be a Celtic nation, and considered as the original inhabitants of this country, before the establishment of the Rhetians. But this conjecture is not founded on facts, for although the inhabitants of this district are immediately encircled by

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people who talk Italian and Romanſh; yet the German language is ſpoken at Avers, Cepina, Tufis, and Furſtenau, which are only at a ſmall diſtance from the Rheinwald.

I quitted, on the other ſide of mount Splugen, the Italian climate and productions; the air of this valley is ſo piercing, as to juſtify the truth of the proverb, “Nine months winter and three months cold.” Two high roads meet at Splugen, one from Chiavenna, which I traversed yeſterday, the other leads over the Bernard into Bellinzone. From Splugen to Arder the road continues by the ſide of the Hynder Rhine, through a mountainous region, which preſents at every ſtep the moſt awful magnificence of ſcenery.

The inhabitants of Suffers, the laſt village of the Rheinwald, talk German; and at a ſmall diſtance I entered the valley of Schams, where the peaſants ſpeak Romanſh. I made myſelf tolerably underſtood by a kind of jargon, compoſed of German, Italian, and Romanſh. I took out my vocabulary of the Engadina language, and compared the different modes of expreſſion and pronunciation. The inhabitants call their language Romanſh; but it differs widely from the Romanſh ſpoken in the valley of Surſet, and ſtill more from that of the Engadinas. The
Bible

Bible and other books used in this valley, are in the same dialect as those which are read in the other parts of the Grey League, and the language is similar, with a small variety in the pronunciation.

The valley of Schams, a community of the Grey League, contains eight or nine inconsiderable burghs or villages situated at small distances upon each side of the Rhine; and is much lower and more fruitful than the Rheinwald. I crossed the Rhine at Zillis, leaving on my left hand Donat, where the collective body of people meet annually to chuse their magistrates, and regulate all civil and political affairs. Soon afterwards I came into the *Via Mala*, so called from the supposed difficulties and dangers of the passage. Such dreadful descriptions have been given by different travellers, that I expected to find it the worst road which I had hitherto travelled. But I was agreeably deceived; for it was not more incommodious than the way from Splugen to Anders; nor did I once think it necessary even to dismount from my horse, except when I stopped to take a nearer view of any particular scene; the road even admits carriages. No reason occurs to me, why this particular way should be distinguished by the appellation of *Via Mala*, unless it alludes to former times, and

modern writers have adopted them as the mere echos of ancient travellers. Perhaps the peculiar gloom of the valley, through which the road passes, may have helped to convey these ideas of terror to persons not accustomed to Alpine regions.

The Via Mala runs through a dark and solitary valley, overspread in many parts with thick forests, which admit only a kind of twilight gloom, and so exceedingly narrow, that the steep rocks, which enclose it, hang over, and seem almost to meet towards their summits. The Rhine foams at the bottom, sometimes not visible, and sometimes faintly glimmering through

“ — darksome pines, that o’er the rocks reclin’d,

“ Wave high, and murmur to the hollow wind.”

POPE.

About three miles from the commencement of the Via Mala, is a stone-bridge of a single arch, thrown across a gulf; a sublime scene, which I stopped to admire, and which I left with regret. The Rhine falls in a beautiful cascade, rolls in a narrow channel at the depth of above four hundred feet, furiously dashes under the bridge, expands itself into a wide basin, and then is lost under a rock, through which it has forced



J. Alton fecit.

Yin (Haha)

J. Smith del.

forced a passage. The impending mountains, partly bare, and partly embrowned with firs, cast an awful gloom over the gulf beneath.

I was here greatly struck with one circumstance, which I had observed in several other valleys of Switzerland, but never in such perfection as in this place. The Rhine, which is at present about four hundred feet below the bridge, seems to have once flowed as high, or even higher than the present bridge, has in the lapse of ages gradually worn away the rock, and excavated the deep channel in which it now runs.

Having passed the bridge, I went through a subterraneous opening a few paces in length, which had been cut in the overhanging rock, and a little further crossed a second bridge similar to the first.

Soon afterwards I quitted the Rhine, and began ascending. This part of the country is entirely uninhabited, and I did not meet with a single house until I reached Roncalia, a village in the community of Tufis, upon the top of a steep mountain. From thence I descended to Tufis, situated near the torrent Nolla, at the beginning of the valley of Tomliasca, and said by antiquaries to have been built by the Tuscans, when they took refuge in these parts under Rhætus.

Tufis is well known in the history of the Grisons for the *Staffgericht*, or court of justice, which sat in 1618, for the trial of persons accused of holding a correspondence with Spain, and of opposing the introduction of the Protestant religion into the Valteline. Amongst those who suffered in this iniquitous tribunal, the most remarkable was Nicholas Rufca, whom I mentioned in my letter on the troubles of the Valteline, the cruel circumstances of whose death excited the resentment of the Catholics, and occasioned an open rebellion.

Nicholas Rufca, a native of Bedano, in the bailliage of Locarno, was educated in the Jesuits' college at Milan, at the expence of cardinal Boromeo, and made so great a progress in his studies, that, in 1589, he was appointed principal of the church of Sondrio, although only in the 24th year of his age. He immediately signalised himself by his zeal in preaching against the reformed doctrines, and was one of the disputants who supported the Roman Catholic faith against the Protestant ministers, in two public conferences held at Tirano in 1595, and the following year. His character has been placed in the most opposite lights by the respective historians of the two contending parties: by the one he is represented

sented as a saint, and by the other as an assassin. But if we examine his life with impartiality, it will appear, that though he was hurried on by a violent spirit of fanatic zeal, yet he cannot be supposed guilty of the atrocious crimes which his enemies have laid to his charge. Soon after his promotion to the benefice of Sondrio, a misunderstanding arose between him and the Protestants, which gradually increased during the violence of the religious disputes, and was carried on the following occasion to the highest degree of animosity.

One Chiappinus, and three gondoliers of Venice, were arrested under suspicion of a design to assassinate Scipio Calandrinus, the protestant minister of Sondrio, at the instigation of Rusca; a confession of guilt and of Rusca's privity being drawn from Chiappinus by the force of torture. The governor of the Valteline referring the affair to the diet of the Grisons, Rusca was cited before that assembly, but declined to appear; either, as his enemies pretend, from a consciousness of guilt, or, as his friends allege, from a dread of the Grisons, who were incensed against him. Having escaped from the Valteline, he waited at Bedano while his cause was publicly pleaded before twelve judges de-

puted by the Grisons. Being acquitted he returned to Sondrio, where his zeal, inflamed by his late prosecution, continued to display itself by an unremitting opposition to the establishment of a Protestant school at Sondrio; a favourite measure of the opposite party.

His enemies, baffled in their first attempt, brought against him a charge of a more public nature: they accused him of opposing the decrees of the Grisons, and of exhorting the inhabitants of Morbegno not to bear arms against the king of Spain, the protector of the Catholic religion. In consequence of these insinuations, a troop of sixty Grisons arrived at Sondrio by night, and, seizing Rusca, carried him to Tufis, where he was not only impeached of high treason in the temporary court of justice there assembled, but was again examined, contrary to every principle of equity, for abetting the assassination of Calandrino; and as he peremptorily denied these charges, he was condemned to the torture; which horrid sentence was three times inflicted in the dead of night. The execution of the sentence failing to extort the smallest confession of guilt, he was, on the following night, twice subjected to a repetition of the same dreadful process. Being of a weak frame, and full of infirm-

infirmities, he was overcome by excess of agony, and expired amidst the torments*.

Some writers have asserted, that Rusca died of poison, which he had taken previous to his last examination; but this supposition seems to be totally devoid of foundation, and was only advanced in order to rescue the judges from the odium of having tortured him to death. For when it is considered, that, according to the common mode of applying torture in this country, he was five times drawn up by a pulley, with his arms tied behind, so as to occasion a dislocation of his shoulders; that he remained in that excruciating position above half an hour each time, and that he was in an infirm state of body, we have no occasion to seek for any extraordinary cause of his death.

The advocates for the Protestant party in vain endeavour to exculpate Rusca's judges from an

* *Die dominica, quæ Augusti 23 erat, ter sine tamen pondere elevatus fuit; perstititque in negativa. sæpius misericordiam Dei ac hominum implorans, quas voces dolor tormentorum ipse exprimebat, erat enim homo crebris febribus vexatus, ac proinde sustinendi torturam impos erat. Sequenti die lunæ, facies illi velo obtegatur, ne a quoquam signum habere queat ullum, et bis absque tamen pondere elevatur: tumque observatus est spiritus deficere, et cum solveretur tortura jam exspiraverat, tenens linguam dentibus admorsam sic ut sanguis adpareret. Aporta Hist. Reform. Eccl. Ræt. vol. II. p. 268, 269.*

intolerant spirit of bigotry, by asserting that the whole transaction was a civil and not a religious process; for theological rancour, however disguised under the mask of patriotism, was the leading motive to this prosecution. Independently indeed of all theoretical reasoning, every rational Christian, whatever his persuasion may be, must recoil with horror from enormities so inconsistent with the first principles of humanity, and so contradictory to the meekness of that religion, which ought to be the rule of our actions*.

* Aporta, with the impartiality of an honest historian, speaking of the iniquitous acts of this tribunal, says, “*Deum immortalem! Quid est carbonem irritare, hostes studio conquirere ac in se concitare, summis ima miscere, si hoc non erat? Nullus tamen actus majorem huic tribunali invidiam conciliavit quam subita mors Nicolai Ruscæ, qui tormentis solutus sub judicis oculis exspiravit.*” Hist. Ref. Eccl. Ræt. vol. II. p. 266.

LETTER 81.

Valley of Tomliasca—Retzuns—Reichenau.

Coire, Sept. 21.

FROM Tufis I continued my route along the valley of Tomliasca, by the side of the Rhine, which here separates the Grey League from that of the House of God; numerous towns, villages, and castles*, lie agreeably scattered through the vale in the most romantic situations. Passing through Catzis, and leaving on my left the fruitful mountain of Henzenberg, called in Romanish Montagnia, and remarkable for its fertility and population, I proceeded to Retzuns, and turned to the castle of that name, which makes a conspicuous figure in the history of the Grisons. Antiquaries derive the name of Retzuns from *Rhætium* or *Rhætia Ima* (Lower Rhætia), and give the following account of its

* Guler, the historian of Rhetia, says, that no region of Europe contains such a number of ancient castles as the country of the Grisons; and adds, that in the small valley of Tomliasca, not more than a German mile long, and a quarter broad, there are more than seventeen.

con-

construction. In the early ages of the Roman history a numerous army of Gauls overran Lombardy, which was then occupied by the Tuscans. A considerable body of whom being driven from their native country followed their leader, Rhætus, and established themselves in these alps. Rhætus gave his own name to the whole region, and constructed a fortress which he called *Rhætia Imæ*, since corrupted into Retzuns. Livy relates the emigration of the Tuscans into these parts without mentioning the name of their leader, who is called Rhætus by Pliny and Justin; and the number of places still existing in these alps, which bear a resemblance to that appellation, seem strong testimonies in support of this account.

But as events of such high antiquity are liable to much doubt, let us descend to later times, which admit of no dispute. The castle was the residence of a baron, who possessed the adjacent territory, and was called Baron of Retzuns. His name frequently occurs in the ancient history of this country, when the territory of the Grisons was divided into several petty sovereignties. He is also mentioned among the chiefs, who assembled in 1424 at Truns, and enlarged the privileges of the people, when the communities united and formed the Grey League. At that
time



J. A. Allen pin.

J. A. Smith del.

time the baron reserved to himself certain prerogatives, which are now possessed by his successors. In 1459, the male line being extinct, the barony descended to a collateral branch, and in 1470 came by purchase into the possession of the emperor Maximilian the First. Ferdinand the First mortgaged the barony for 14,000 florins to John Planta, in whose family it continued until the year 1679, when it was redeemed by the emperor Leopold, and it now belongs to his grand-daughter Maria Teresa, the present empress. The revenues of this territory are very small, amounting to 2,000 florins, or scarcely £. 200 *per annum*; but by the possession of it the House of Austria enjoys considerable influence in the political affairs of the Grisons. The delegate of the empress, who is called Administrator, has a vote in the diet of Truns, and nominates every third year the *Landrichter*, or Chief of the Grey League.

Being desirous of seeing the castle, I sent my compliments to the Austrian delegate, who instantly made his appearance, and politely attended me. The present building was raised by Leopold the First, upon the foundation of the ancient structure, of which there are scarcely any remains; and I could not discern the slightest traces of Roman workmanship.

The

The castle is the usual residence of the Austrian Envoy to the Republic of the Grisons; but as the present envoy dwells in his own house at Reichenau, is now occupied by the Austrian delegate. It is situated upon an eminence, and commands a fine view of the adjacent country; The rich plain, which extends as far as Reichenau, is bounded on all sides by high mountains, and yields, among other productions, abundance of wheat; the Lower Rhine flows through it in a wide and stony channel.

The delegate finding, during our conversation, that I had a letter of recommendation from Count Firmian to the Envoy at Reichenau, invited me to dinner, and politely offered to accompany me in the afternoon to Reichenau; an invitation which I made no scruple to accept. The company at table consisted of the delegate, his wife, and a capuchin friar. The lady spoke nothing but Romanish, so that I was not able to enjoy much of her discourse; I could only drink her health, and make her a short compliment, which I had learned by rote. But I held a long conversation, in the French tongue, with the delegate, upon the barony of Retzuns, on which subject he kindly gave me much information. The barony comprises the villages of Retzuns, Bonadutz, Embs, and Feldsberg, which
form

form a High Jurisdiction in the Grey League, and send two deputies to the general diet of the Grisons : the people are free ; they assemble annually in the court of the castle to elect their magistrates, and every male at the age of fourteen has a vote. As delegate of the empress of Germany, he has a kind of territorial jurisdiction over the village and district of Retzuns. He nominates the Landamman from three candidates appointed by the people ; the empress receives the fines for criminal offences, and pays the expences of the process ; the prisoners are confined in the castle, but are tried by judges chosen by the people.

After dinner I accompanied my host through a rich and fertile plain to Reichenau, and waited upon M. Buol, the Austrian envoy, who received me with great politeness, and obligingly invited me to remain some time at Reichenau ; an invitation I declined for the present, through my impatience of arriving at Coire, where I expected to receive several letters from my friends in England, from whom I had not heard since my departure from Milan. Reichenau is situated upon the conflux of the two branches which form the Rhine. The lower branch is the same which I followed during the greater part of its course from Splugen ; the upper branch rises
near

near the mountain of St. Gothard, and flows through the valley of Sopra Selva. The castellated mansion of M. Buol stands in a most romantic situation upon a small eminence backed by a perpendicular rock, and between two singular bridges constructed by the nephew of Grubenman. One, which is thrown across the lower branch, measures about a hundred and five feet; the second built across the river below the point of union, forms a most beautiful object. It is a wooden bridge of a single arch, covered like that of Schaffhausen, and constructed upon the same principle, with this difference however, that the road is not carried in so perfect a level; the span of the arch is two hundred and twenty feet. As the banks of the Rhine in this spot are more elevated than at Schaffhausen, the bridge of Reichenau is raised considerably higher above the surface of the water*; and as it presents to the eye but a single curve, the general appearance is far more picturesque, and the effect more striking. But it is not so beautiful a piece of architecture as the bridge of Wettingen, which is Grubenman's master-piece†. The more I examine these bridges, the more I am struck with the simplicity of the struc-

* Letter 2. p. 5.

† See Letter 13.



S. Smith del.

S. Allen fecit.

Brickman!



ture; the more I am astonished, that the person who first conceived the plan was a common carpenter, and totally unacquainted with the theory of mechanics.

In my way from Reichenau to Coire, I inquired at Embs for the remains of an old castle, in which William, son of Tancred king of Sicily was confined: at present there is not the smallest vestige of such a fabric; but according to the tradition of the country it formerly stood upon a hill, whereon the church is now erected.

The valley from Reichenau to Coire is two miles broad, and produces corn, pasture, and some vines, which begin to make their appearance near Embs. The Rhine flows through it with the rapidity of a torrent; several insulated rocks are scattered on the banks of the river, some barren, others covered with wood, which greatly diversify the scenery. The chain of mountains fronting the northern aspect is overspread with groves of fir; while the opposite ridge is richly mantled with oaks, and its summit crowned with firs and pines. A little way beyond I entered the League of the House of God, and arrived at Coire.

LETTER 82.

League of God's House—Town and Bishopric of Coire—Convent of St. Lucius.

THE whole territory, which is now comprised within the League of the House of God, was under the dominion of the bishop of Coire; until the people, oppressed by their rulers, threw off the yoke, and forming a general league, compelled the bishop to ratify their independence.

The æra of this important revolution is not precisely marked in the annals of this country. Some historians have even asserted, that it happened so early as the latter end of the fourteenth century, and was anterior to the formation of the Grey League. But this opinion does not seem to be grounded upon sufficient evidence; as the facts alleged in its support intimate little more, than that the bishop granted several privileges to the inhabitants; but by no means prove, that the communities formed themselves into a league at such an early period, and afforded the *first* * example

* Campell espouses this notion, and his authority undoubtedly carries great weight; but we must consider that
he

example of liberty in these parts, an honour which is undoubtedly due to the Grey League. The revolution, which finally exalted this league into its present state of freedom, probably took place between 1424, the æra of the formation of the Grey League, and 1436, the year in which the Ten Jurisdictions rose into independence.

This league is denominated in Romansh *La Ligia de la Chiada* * ; in German, *Gottshausbund*, from which we call it the *League of the House of God*: it takes this appellation as well from the cathedral situated in its capital, as because it was once under the jurisdiction of the bishop of Coire.

It is divided into eleven districts; each of which (Coire excepted) is subdivided into two little republics, or communities, and sends twenty-two deputies to the general diet.

Formerly the burgomaster of Coire was perpetual chief of the league without election; but

he grounds his opinion merely upon conjecture, and that, as a member of the League of God's House, he was inclined to give to that League the preference in point of antiquity over the Grey League.

* *Chiada*, or as it is sometimes written, *Ca-de*, signifies cathedral; hence the French call it *La Ligue Caddé*.

in the latter end of the last century the other communities claimed a power of nominating to this office in their turn. The affair being referred to the arbitration of Zurich, it was decided, that for the future the twenty-two deputies should chuse two candidates from the members of the senate of Coire, who should draw lots for the charge; a mode of election now in use. The chief thus appointed is called *Bunds-president*, and has several privileges which distinguish him from the chiefs of the two other leagues; he receives all the letters addressed to the Republic of the Grisons from foreign powers, and is perpetual president of the Congress, because that assembly is always held at Coire.

Coire is situated at the foot of the Alps, in a rich plain between two and three miles wide; a considerable breadth of valley for this mountainous country. Opposite is the chain of mountains which separate the country of the Grisons from the canton of Glarus; of this chain the Calendar is esteemed the highest point; but it is far inferior in elevation to several of the Swiss and Savoy Alps I visited in my last tour, and wants one certain criterion of great height, perpetual snow.

The town lies partly in the plain, and partly upon the steep side of a rock, and is surrounded

with ancient brick walls, strengthened with square and round towers, in the style of fortification, before the invention of powder ; the streets are narrow and dirty ; several towns of Upper Engadina, although not so large, make a neater and more elegant appearance. It contains about three thousand souls.

Many fables are related concerning the foundation of Coire ; the most probable account seems to be, that it owes its origin to the emperor Constantius, who, in the 355th year of the Christian æra, penetrated into Rhetia, and fixed his station for some time near the present site of Coire. A town, as often happened on such occasions, was perhaps constructed near the camp ; and from the imperial residence it is supposed to have derived the name *Curia*, its ancient appellation, since corrupted into *Coira* and *Coire*. The remains of two or three towers, which are evidently of Roman construction, attest its antiquity, and serve to establish the truth of these conjectures concerning its origin.

Coire was formerly a city of the German empire, subject to its own counts, and came in the ninth century under the dominion of the bishop. Like many other cities of Germany, it obtained considerable privileges from the different emperors ; and the inhabitants, having gra-

dually circumscribed the authority of the bishop, at length established an independent republic.

The government of Coire is aristo-democratical ; the supreme legislative authority resides in the citizens, whose number amounts to two hundred and ninety-four, divided into five tribes. Each citizen has a vote at the age of twenty : the suffrages are never collected in a general assembly ; but the object of deliberation is separately laid before each tribe, and decided by the majority of the five tribes.

The executive power is entrusted to the council of seventy, composed of fourteen members annually elected from each tribe. This sovereign council is divided into several lesser departments, of which the principal is the senate, or council of fifteen, who have the chief direction of affairs, either solely or conjointly with other members of the sovereign council. The chiefs of Coire are two burgomasters taken from the members of the senate, who, although liable to be removed, invariably continue in office for life. They enjoy the supreme dignity by rotation, each for the space of a year ; during which term the acting chief, under the title of reigning burgomaster, presides in the usual councils. The criminal tribunal is composed of the senate and fifteen other members of the sovereign council.

The

The prisoners are examined and the process drawn up by a secret council, formed of the seven oldest members of the senate, of whom the majority must concur, to order the infliction of torture. After conviction, the process is laid before the criminal tribunal, which ultimately passes sentence, and all offences, excepting great crimes, are commonly punished by fines.

My curiosity led me this morning to the apartment in which the general diet of the Grisons is held every three years; although it contained no object worthy of description, yet it did not fail to strike my attention, as being the place where the parliament of a free nation is assembled.

Coire sends two deputies to this diet, who are generally the two burgomasters; but if one of these should be the chief of the league, the other deputy is chosen by rotation in the five tribes, with this condition, that he must be a member of the council of seventy.

From the apartment in which the diet is held I went to the town-hall, to see the form of administering the oath to the new *Bunds-president*. In general the ceremony takes place just before the meeting of the diet, in the presence of the deputies of the League of God's House; but as the person to whom the office now devolves was

not present, it was necessarily postponed. All the parties being assembled, M. Tscharner, the last president, with the public notary, stood at the upper end of the room; his successor at the lower end, with the *Bunds-weiber*, or secretary, dressed in a cloak half black and half white, the livery of the league. M. Tscharner addressed to his successor a short speech in German, acquainting him, that he was appointed by the deputies of the league, Bunds-president for the ensuing year, giving him joy of his promotion, and congratulating the League upon the nomination of a person so well calculated by his integrity and abilities to fulfil the duties of the office. At the conclusion of this speech, the public notary read the oaths for the president, for himself, and the secretary. M. Tscharner then told them to hold up three fingers of their right hand, and to repeat their several oaths; which ceremony being concluded, the new president declared that he was highly flattered with the honour conferred upon him, and would strive, as far as his abilities would permit, to promote the welfare of the League. Then the former president bowing, the new chief walked first out of the room; and thus ended the ceremony.

It is remarkable, that although the aristocratical party directs the nomination of the magistrates, president, and deputies, yet the appointment to the governments of the subject provinces is left wholly to chance. When the turn belongs to Coire, the five tribes meet separately, and a candidate is appointed by lot from each tribe. These five persons then draw lots for the office, and the successful candidate may sell the turn; with this restriction, that the preference of purchasing shall be given first to a member of the same tribe, secondly to any citizen of Coire, thirdly to an inhabitant of the League of God's House. It frequently happens, that the five candidates agree to divide the profits of the sale.

Upon the highest part of the town stands the bishop's palace, the cathedral, and the houses belonging to the chapter.

The bishopric of Coire was probably erected soon after the first establishment of Christianity in these parts, under Constantine, or his son. The diocese once extended over the whole Roman province of Rhetia, which comprehended the present country of the Grisons, the Valteline, Chiavenna, and Bormio, together with the eastern district of Switzerland as far as the lake of Constance, and part of Tyrol; the bishop's territorial possessions were also considerable, and his
revenues

revenues by no means inadequate to his power and dignity. It would be uninteresting to trace the diminution of his authority, and the gradual annihilation of his jurisdiction over the town of Coire, and the commonwealths of this League; I shall therefore observe, that his power was principally lessened by the formation of the League of God's House, and the limitation of his prerogatives in 1527: by the former he was compelled to ratify the independence of the communities; by the latter the principal prerogatives, from which he derived great influence in the political affairs of the Grisons, were at once annihilated; and he was reduced to the condition of a private person. These privileges principally consisted in having admission, and a vote in the general diet of the Grisons, in appointing several of the deputies, nominating the chief magistrates of several communities, and receiving appeals in civil causes from the decision of the provincial courts of justice. All these prerogatives were abrogated by a general diet of the Grisons in 1527, and the few remaining rights have been either purchased or suppressed. The introduction of the Protestant religion gave the final blow to his power; for his revenue suffered great diminution by the loss of the tythes, which were seized by the reformed communities.

The

The bishop is prince of the Roman empire ; a dignity annexed to the see in 1170, by the emperor Frederic the First, and is styled Lord of Furstenberg and Furstenau. His annual revenues, which amount to about £.2,000, arise chiefly from estates near Coire, and in the Tyrol ; he receives also the annual sum of about £. 70 from the customs of Chiavenna, in return for having ceded his claims over the Valteline, Chiavenna, and Bormio, to the Republic of the three leagues *. The only prerogatives remaining are the right of coining money, and an absolute jurisdiction both in civil and criminal affairs within the small district in which his palace and the chapter are situated. Beyond this district he enjoys not the least power ; so far from interfering in the affairs of the town, he could not even enter it if the inhabitants chose to exclude him ; a right which they asserted in 1764. A Catholic, to avoid an arrest, took refuge in the cathedral ; and the inhabitants, inflamed by the bishop's refusal to deliver him up, raised a gate close to the only opening which leads into the episcopal district, by which means the avenue to the palace was closed ; this manœuvre conquered the bishop's obstinacy : the gate still exists, and is ready to be used upon a similar occasion.

* See page 92.

The bishop is chosen by the chapter. Many disputes relating to his election have arisen between the canons and the League of God's House; the latter, in virtue of a treaty contracted in 1541 with the bishop, protests, that only a native of the League can be promoted to the see. But a foreigner being elected in 1692, the canons have since disregarded the right asserted by the League, and have without reserve given their votes to aliens, although the League remonstrates at every new election. The present bishop is Francis Dionysius, of the ancient family of Rost, in the Tyrol*.

This episcopal district is only a few hundred paces in circumference, and is surrounded by high walls; the greater part of the palace is modern, excepting a square tower, is supposed to have been constructed by the Romans; it is of strong but clumsy workmanship, and in no degree entitled to notice, except as a monument of antiquity.

In the cathedral I observed no object of curiosity, unless the bones of St. Lucius, richly ornamented after the fashion of Roman Catholic relics, should be thought worthy of attention. The chapter consists of twenty-four canons, of

* In 1794, Charles Rodolph Baron of Buol of Scharfstein was elected prince bishop of Coire.

whom

whom six are resident; the inhabitants of this district are all Catholics.

Above the palace, and at the highest extremity of the town, is the convent of St. Lucius, which takes its name from a small chapel dedicated to that saint, who, according to the legends of the Romish church, was a king in Britain in the latter end of the second century. Having embraced Christianity, and being inflamed with religious zeal, he quitted his throne, and wandering into these parts built an hermitage upon the spot where the chapel now stands, and by his preaching and example converted numbers to the gospel. He is styled the apostle of the Grisons, and is greatly revered as a saint by the Catholics; while the Protestants of the town pay him not the least veneration. Burnet, in his Travels, observes: "*I endeavoured to shew the good old bishop that the legend of Lucius was a fable in all the parts of it, but most remarkable in that which related to the Grisons; and that we had no kings in Britain at that time, but were a province to the Romans; that no ancient authors speak of it, Bede being the first that mentions it; and that the pretended letter to pope Eleutherius, together with his answer, has evident characters of forgery in it. All this,*" he adds, "*signified nothing to the bishop, who assured me that they had a tradition*

dition of that in their church, and it was inserted in their Breviary, which he firmly believed."

Well aware, that my endeavours to convince the monks of the falsity of the legend would have ended as unsuccessfully as the reasoning of Burnet, I did not imitate his example; but without entering into the merits or demerits of the story, contented myself with admiring the beautiful prospect, which induced me to visit the convent. The environs of Coire are delightful; the plain is richly diversified with corn and pasture; the hills gradually sloping to the foot of the mountains are covered with vines, which yield wine of a pleasant flavour, but not strong. The points of view vary surprisingly, from agreeable to romantic, from romantic to wild. The Rhine, which flows rapidly through the plain, begins here to be navigable by rafts, and merchandise is transported toward Lindau and Zurich.

LETTER 83.

Castle of Haldenstein—Seminary of Literature.

I RODE this evening, in company with two gentlemen of Coire, from whom I have received great marks of attention and politeness, to Haldenstein, which may be called the smallest sovereignty in Europe. We passed along the side of the hills, at the bottom of the rugged rocks which lead to the League of the Ten Jurisdictions, and enjoyed a fine view of the rich plain, stretching from the town of Coire as far as Embs. The beautiful verdure of the meadows, the sloping hills clothed with vineyards, the craggy mountains, partly covered with vines, partly overspread with wood, and partly bare, formed altogether a striking prospect. We crossed the Rhine to Haldenstein, a small village consisting of about sixty houses, and proceeded to the house occupied by the present baron, Rhodolph de Salis, who received me with great politeness, and kindly indulged my curiosity, by shewing me his little territory, and answering my inquiries with great readiness and exactness.

exactness. The baron, a gentleman of considerable learning and indefatigable industry, has formed a large collection of manuscripts relative to the Grisons, from which he has drawn ample materials for a publication, in which he is at present engaged. His researches are chiefly biographical; and his work is intended to illustrate the memoirs of the principal persons, who have rendered themselves conspicuous among the Grisons by their actions and abilities *.

The barony of Haldenstein, he said, was formerly under the protection of the seven ancient cantons of Switzerland; since the year 1568, it has been an independent sovereignty, under the protection of the three leagues. In the middle of the sixteenth century it was possessed in right of marriage by John de Castion, French ambassador to the Republic of the Grisons, and at his death in 1565, came into the family of Schauen-

* This work is announced as not yet finished, in Haller's *Schweitzer-Bibliothek*, vol. II. p. 364. under the following titles: 1. *Rhætia Illustrata, contenant l'histoire ou les principaux événemens de la vie des Hommes célèbres qui ont paru au pays des Grisons.* 2. *Rhætia Literaria, ou Catalogue de tous les auteurs Grisons, de leur vie, et de leurs ouvrages.*

The baron is since dead, and I have not heard that these works have been published.

stein;

stein ; the male line being extinct, it was divided between two females of the collateral branches, one of whom married a de Salis, and the other an Hartmannis. In the beginning of this century the descendants of de Salis purchased the other half, and again reunited it under one person.

The whole barony consists of a small semicircular plain, between the Rhine and the bottom of the Calendar, about five miles in length, and scarcely one in breadth ; and occupies also part of the mountain, which is too steep to be inhabited. It contains only two villages, Haldenstein and Sewils, and the subjects amount to no more than between three and four hundred. The people were serfs, or vassals, until 1701, when the grandfather of the present baron gave them several immunities. At present the lord has territorial jurisdiction, the exclusive privilege of hunting and fishing, a claim of two days work annually from each of his subjects, and a load of dung from each peasant. He appoints the judge in the criminal court, receives the fines for offences, from which he pays the expences of the process, and has the power of pardoning. He nominates the president, and part of the jury in civil causes, and in all cases of appeal judges in the last resort.

The baron shewed me several coins struck by his predecessors; the most antient was a gold piece of 1611, the year in which the emperor Matthias conferred the right of coining money upon the baron of Haldenstein; a privilege which he still enjoys.

The ancient castle of Haldenstein, from which the barons took their title, is now in ruins; but the remains are still visible upon the sides of the mountain. Above it is another ruined castle called Lichtenstein, formerly inhabited by an ancestor of prince Lichtenstein of Vienna, from which he is said to derive his title. The prince is so convinced of his descent from the ancient possessors of this castle, and so proud of their antiquity, that he procured a stone from these ruins, for the foundation stone of a superb palace which he has built at Vienna, that it might be said to contain some materials of the original castle in which his ancestors once resided.

The present castle of Haldenstein, built in 1545, by James de Castion, is pleasantly situated near the Rhine, and commands a fine view of the town of Coire, and the adjacent country.

A few years ago the castle was converted into a seminary for the education of youth. It was long a serious cause of complaint, that in the whole

whole country of the Grisons there was no public seminary for completing the education of youth, and that all who followed any of the learned professions were obliged to repair to foreign academies. M. de Salis, of Marchlins, and some other persons of the first consequence among the Grisons, considering this defect a disgrace to their country, projected a plan for the institution of an academy; and having obtained the ratification of the general diet, which assembled at Davos in 1761, carried it into immediate execution at their own expence, with a zeal which reflects the highest honour upon their exertions. The plan was extensive and useful, and seemed well calculated to secure success. For a short time it wore a flourishing appearance; but this prosperous beginning was not succeeded by any beneficial consequences. Its decline was owing to the little countenance given to literature, was hastened by quarrels which arose between the professors, and in 1779, within the space of fifteen years from its first establishment, the institution was dissolved.

Literature among the Grisons is at a very low ebb; one of the most learned men in this country, who would not be inclined to depreciate the knowledge of his countrymen without suffi-

cient foundation, thus expresses himself upon this subject *:—"As the administration of affairs is entirely in the hands of the people, the greater part considering nothing but their own profit, despise every species of polite learning, and are unwilling to allow any salaries, or bestow any honours upon the professors; so that all persons who cultivate the sciences are incited merely by the love of glory, and a disinterested zeal." If this is the case, it would be chimerical to expect the arts and sciences to flourish in an ungrateful soil, where they meet with no encouragement: but even amidst these obstacles to improvement, there have never been wanting, and are still to be found, men of superior souls, who have dedicated their time to the cultiva-

* *In Rhætia nostra rerum administratio omnium a plebe dependet, cujus numerus potior non nisi quæ ante nasum sunt, aut lucrum adferunt, sapit, quicquid de reliquo agatur, litteras politiores, cum omni gloria et commodis quæ ex illis subsequuntur, quasi rejicienda contemnit; nullum earum professoribus premium, nullum meritum, laudem nullum tribuit; sic ut qui litteras ament, et excolant, ex generoso quopiam animi impetu id agant, seposito omni alio fine, et absque ullo ad eas calcari. Et his tamen non obstantibus, reperti et apud Nos qui generosi ediderunt pectoris documenta; reperti etiam, qui scientiarum culturam, ac amorem quibusvis aliis prætulerunt, licet illorum labores ac memoria fere cum ipsis intereat, nec sit qui eam ab interitu vindicet.*

Aporta Hist. Reformat. Rhæt. Præfat.

tion of letters ; and who merit the highest praise, for labouring in the vineyard without hopes of profit.

The Protestants who receive a liberal education repair for the most part to Zurich or Basle, and the Catholics to Milan, Pavia, or Vienna.

Each community has a small school, in which the children are taught to read, write, and cast accounts ; but which is only open from the 9th of November to the 7th of March. Those parents who wish to give their children a better education, and can support the expence, must either send them to foreign parts, or maintain a private tutor.

There is a Latin seminary at Coire for the children of the burghers, and another, instituted in 1763, for the education of persons intended for the church ; these establishments though poorly endowed, have been productive of some literary advantages to the country. There is also a typographical society at Coire for Latin, German, and Romanish, and books in the Romanish are printed in the Lower Engadina and at Disentis.

LETTER 84.

League of Ten Jurisdictions—Fatzeral—Baths of Alvenew—Davos—Valley of Pretigau—Malantz—Mayenfield—Baths of Pfeffers.

I QUITTED Coire yesterday morning, in order to make an excursion into the League of the Ten Jurisdictions; but before I proceed in my account of this expedition, I shall send you a short abstract of the History of the League, from the first foundation to its perfect independency.

This league ought properly to be called, and indeed is not unfrequently denominated in this country, the League of the *Eleven* Jurisdictions, from the number of communities of which it is composed; but as upon its first union it was formed of ten only, the original appellation is still retained, although one of the jurisdictions has been since that period subdivided into two.

The territory was formerly under the dominion of the barons of Vats, whose authority was limited, as the people possessed very considerable privileges. On the death of Donatus, the last baron, the count of Toggenburg, who married

ried his eldest daughter, succeeded to his possessions; and Frederic, one of his descendants, dying in 1436 without issue, the communities united, formed an offensive and defensive alliance, and erected themselves into a league. But although by this alliance they increased their immunities, yet they were by no means perfectly independent; for the male heirs of the count of Tockenburgh still retained certain baronial rights, which consisted in appointing the criminal judge in several communities, in the power of pardoning, in a share of the fines, in nominating the principal magistrates from three candidates, and in other prerogatives. These rights purchased by Sigismond, archduke of Austria, and enjoyed by the emperor Maximilian the First, were exercised by means of a governor appointed with the concurrence of the league, and resident at Castels. In process of time the baronial prerogatives were gradually annihilated, either by purchase or concession; the communities became free, and their independence was solemnly ratified by the emperor Ferdinand the Third, soon after the peace of Westphalia.

After half an hour's ascent from Coire, I entered the League of the Ten Jurisdictions near Malix, passed through the community of Churwalden, in which the hamlets lie prettily scat-

tered about the vale, and upon the sides of the mountains, and made a small circuit to the village of Fatzerol, which consists only of five or six houses, and stands at the bottom of some rugged mountains; it is celebrated in the history of the Grisons as the place where, in 1471, the first perpetual alliance was ratified by the deputies of the three leagues. I was accompanied to the spot by one of the principal inhabitants, who was not displeased with the enthusiasm I testified at beholding the birth-place of their liberties. The house is now in ruins, and the apartment which was remarkable for the meeting of the deputies no longer remains. Having, with the assistance of my companion, traced its site, I considered with respect the spot which was once sanctified by the ratification of the general union, lamented that so venerable a pile of building should be suffered to fall into decay, and felt disappointment, that no inscription by public authority, consigned to posterity the date of the transaction, and consecrated the place which had been witness to an event the most memorable in the annals of this country.

Having satisfied my curiosity in viewing these respectable remains, I descended through Brientz to the baths of Alvenew, placed in a most romantic position, by the side of the torrent Al-
bula,

bula, and at the bottom of the majestic Alps; the source is sulphureous, and resembles both in smell and taste the waters of Harrowgate.

Having passed through Alvenew and Anderwisen, I mounted a rugged ascent through a thick forest, and pursued a narrow path upon the side of a rock called Zug, over a precipice, with a torrent flowing beneath. This rock is mostly bare, excepting a few stubbed firs, the remains of a forest which was formerly destroyed by fire; hence it is called the *Burnt Wood*, and exhibits a most desolate appearance; at the bottom of this rock, close to the torrent, are mines of silver, which were formerly worked. I entered the jurisdiction of Davos at the village of Glarus, and took up my lodging in a neat cottage.

The district of Davos is a long plain, a quarter of a mile broad, and gradually rising into hills, which terminate in high mountains; it is not unlike the valley of Upper Engadina, but is more fertile. Near the church of St. John is a small cluster of eight or ten houses, in the other parts the cottages are thickly strewn over the plain, and upon the gentle acclivities, as in the canton of Appenzel, each with its little territory. The country produces oats, rye, large quantities
of

of rich pasture, and yields yearly two crops of hay; it is now the second harvest, and the fields are covered with mowers. The bordering mountains are overspread to their summits with forests of fir and larch, intermixed with meadows; above them tower the rugged Alps. A clear murmuring stream flows through the midst of the plain, with a gentle though lively course; its banks prettily ornamented with scattered cottages, which are remarkably neat and commodious. Some are built of trees piled one upon another; others have stone foundations, and the upper part of wood; and a few are constructed with stone plaistered and white-washed. I walked to the valley of Diesma, leading to Scampf in Upper Engadina, which is closed at some distance by a high mountain covered with snow, said to be one of the most elevated in the country of the Grisons; it is called the Swart-Horn, and is part of the Scaletta Alps, which communicates with the Julian Alps, the Set, and the chain that separates the Valteline from Upper Engadina and Pregalia. Close to the inn is the town-house, in which the deputies composing the general diet of the Grisons assemble every three years; it is also the place of annual meeting for the deputies of this league, when they chuse the *Bunds*
Lan-

Landamman, or chief, and transact any particular business; this building is plain and simple, like the people themselves.

The form of government established in this district of Davos, is like that of the small cantons of Switzerland, entirely democratical. The people must be assembled upon all extraordinary occasions, such as enacting new laws, deciding upon appeals from the general diet, and raising money; every male at the age of fourteen has a vote. The whole collective body of the people, however, do not meet in order to chuse their magistrates, who are elected from deputies sent by each district. The administration of affairs resides in the great council of eighty-two, and the council of fifteen included in the former. The great council regulates all affairs relating to finance; the fifteen superintend the police, and are judges in the civil and criminal courts of justice without appeal*. In criminal cases torture cannot be inflicted without permission of the great council. The *Landamman* is elected every

* It is remarkable, that through the whole League of the Ten Jurisdictions there is no appeal from the decision of the civil courts of justice, excepting in the community of Alvenew; the inhabitants of that place being Catholic and Protestant, an appeal lies to the civil tribunal either of Churwalden or of Davos.

two years, and is president of both these councils.

This remote corner has produced several persons eminent in literature; and particularly the two historians of the Grisons, Guler and Sprecher.

John Guler was born in 1562, and died in 1637, at a very advanced age. He was remarkable for his multifarious knowledge, and published in 1616, in the German tongue, “an account of the three Grison Leagues, and other Rhetian people.” In this work, much esteemed by the natives, the author gives a circumstantial detail of the origin of the ancient Rhetians, and of their emigration from Tuscany into this country under their leader Rhætus; traces their subsequent history under the Romans, and in the dark ages, to the beginning of the fifteenth century, when the union of the three leagues was established.

Guler has illustrated the history of ancient and modern Rhetia by wooden engravings of medals, towns, battles, genealogical tables, coats of arms, and maps, which, though rude, are curious for their antiquity. The author also meditated a second volume, on the union of the three leagues, on the topography and history of the whole country, and on the transactions of his own times.

times. For this part of the work Guler was eminently qualified; as well from his extensive erudition, and for having carefully digested Campel's account of the Grisons*, as from the various offices to which he was raised both in the civil and military line, and the repeated embassies and negociations in which he was employed. It is, however, uncertain whether this part was ever finished; and if finished, it is probably lost; for Aporta searched for it without success in the libraries and among the manuscripts of his countrymen†.

The deficiency of this valuable performance, however, is supplied by Fortunatus Sprecher, the contemporary, friend, and relation, of Guler.

Sprecher was born in 1584; and in 1617 gave to the world *Pallas Rhetica armata et togata*; or the military and civil history of the Grisons from the earliest ages to the æra in which it was published. In this work, which is a model for method and perspicuity, the author details the national history, in ten books. The first contains the emigration of the Tuscans, their settlement in

* See Letter 73.

† See Aporta Hist. Refor. Ecc. Ræt. Præfat.—Haller, in his Schweit. Bib. No. 814. says, that it was prepared for the press, but unfortunately burnt.

this

this country, the description of the antient Rhetians, and their transactions to the time of Augustus. The second comprises the period from the Augustan æra to the establishment of the empire of the Franks. The third treats of the Grisons under the empires of the Franks and Germans, till 1476. The fourth details the wars of the Grisons; namely the Swabian war against Maximilian the First, and the campaigns against James of Medici, from 1525 to 1531. The fifth comprises the wars in which the Grisons were engaged under the standards of foreign powers. The sixth relates the union and political state of the three leagues, and their alliances. The seventh, eighth, and ninth, separately describe the Grey League, the bishopric of Coire, the League of God's House, and the League of Ten Jurisdictions. The tenth concludes with an account of the Valteline, Chiavenna, and Bormio.

A second volume, which appeared in 1629, under the title of, *Historia Motuum et Bellorum postremis hisce annis in Rhetia excitatorum et gestorum*, relates the wars and troubles of the Grisons from 1617 to 1629; a period of turbulence and discord.

A third volume continued the history of the Grisons from 1627 to a short time before the
author's

author's death, which happened in 1647; but has never been published.

Towards the extremity of the beautiful valley of Davos I came to a small lake, about four miles in circumference, which is remarkably deep and clear, and abounds with excellent trout. It lies at the foot of the mountains, and supplies a small stream, which being joined by one from the valley of Flola, and by another from that of Diesma, forms the murmuring brook that waters the valley of Davos, and falls into the Albula above the baths of Alvenew; this lake is considered by some writers as a source of the Rhine.

From the banks of the lake I descended to another, half a mile in circumference, that lies in a wild and romantic situation, and supplies a torrent, which is the source of the Lanquart. A little further I traversed a small pleasant plain strewn with cottages, which compose the village of Lower Lera; at the extremity of which the descent was so steep and rugged, that I dismounted until I reached the vale of Pretigau. I passed through Closter, Kublis, Jenatsch, and Schiers, following the torrent Lanquart. The country is delightful, and greatly diversified with all kinds of productions, yielding different species of grain, rich pastures, abundance of fruit-trees, with large quantities of hemp and
flax;

flax; hemp is much cultivated, and seems to be carried to great perfection; the peasants manufacture from it coarse but very strong linen.

The mountains on each side are in some parts covered with forests; and so great is the abundance of wood, that the fields are either studded or skirted with larch, pines, and beech. The hamlets are scattered through the plain, and along the declivities of the mountains, in a very pleasing manner; the houses are mostly of wood, in the Swiss mode of construction, and not less convenient; the road through this vale descends gently all the way. I have not for some time visited a more agreeable, fertile, and populous district.

A little beyond Grusch, which lies under some bare rocks in a fertile plain, the valley of Pretigau contracts, leaving only a narrow pass between impending rocks, just broad enough to admit the torrent and the road. The sudden change from the fertility of the country to the barrenness of this spot, sufficiently striking of itself, was still further heightened by the gloom of the evening, which added to the horror of the scenery. The road was carried for some way in continued ascent and descent along the craggy precipices, sometimes above, and sometimes upon a level with the torrent. The
path

path was so narrow and rugged, that I gave my horse to the guide, and, continuing my way on foot, soon emerged from this obscure pass, and, as far as I could judge by the dim light of the stars, came into a fine and rich country, and went through a series of vineyards to Malantz, in the district of Mayenfield.

The High Jurisdiction of Mayenfield is the most remarkable in the whole country of the Grisons, because the inhabitants are respectively sovereign and subjects. They are sovereign, because they form part of the League of the Ten Jurisdictions, send deputies to the general diet of the Grisons, and nominate to the governments of the subject provinces. They are subject, because, like the provinces, they are governed by a bailif sent from the Grisons, who is changed every two years, and in whom resides the supreme authority. This strange intermixture of privileges and subjection is derived from the following causes.

The lordship of Mayenfield was, like the whole territory of this league, subject to the counts of Toggenburgh, and, in 1436, joined the other communities to form a league. In 1509, the prerogatives enjoyed by the count of Toggenburgh were sold, by his heirs, for 20,000 florins, to the three leagues, which confirmed the privi-

leges of the inhabitants. In 1537, Malantz and Jennins, the remaining part of this High Jurisdiction, were also purchased for 10,000 florins. Thus, while the inhabitants of all the other jurisdictions, who came under the dominion of the House of Austria, have procured their absolute independence, the people of Mayenfeld and Malantz, although making part of the sovereign power, have continued in the same state as at the first formation of the leagues. The bailif or governor is appointed by the communities of the three leagues in rotation, and the inhabitants of this very High Jurisdiction nominate the bailif, when it is their turn to present to the office.

The bailif appoints the *Stadvogt*, or chief magistrate of the town, with this condition, that he must be a member of the senate; upon a vacancy in the senate or little council, he nominates the new senator; he arrests and examines criminals, and has power to make a composition; he cannot order torture or pass sentence without the concurrence of the members of the criminal tribunal*, and when they pass sentence can pardon; he can give a liberation, in

* The members of this tribunal consist of six judges from the district of Mayenfeld, and six from that of Malantz, three from Jennins, and two from Fläsch.

the same manner as the governor of the Valteline*; he receives part of the fines for criminal offences, and a certain portion of the great tythes; at Malantz he appoints the chief magistrate from three candidates presented by the people. Both Mayenfield and Malantz have their civil courts; from that of the former an appeal lies to the bailif.

From Malantz, a small but handsome town, lying upon the side of a hill, I descended into a rich plain of pasture, about three miles in breadth, crossed the Rhine, and soon afterwards ascended into the county of Sargans, through hanging groves of larch, fir, birch, beech, and oak. From the eminence I looked down upon a fine view, on the other side of the Rhine, of hills gently rising from the river into mountains. Upon this chain are situated Mayenfield, Malantz, Jennins, and Fläsch, surrounded by corn fields, meadows, and vineyards; it seemed the richest part of this country. I observed beyond the confines of the Grisons, at a little distance the road, † which I passed in 1776, as I travelled from Appenzel to Wallenstadt.

Having reached Pfeffers, I left my horse at the village, where there is an abbey of Benedic-

* See Letter 76.

† Letter 5.

tine monks, the abbot of which is a prince of the empire, and took a guide to the baths, which are distant about three miles. I passed through a thick forest of beech, down a steep and rugged path, to the house which the abbot has built for the reception of the company. Formerly the accommodations were extremely indifferent, and the descent into the baths was attended with great inconvenience, if not with danger. Affairs are now greatly changed; the waters are conveyed by pipes into commodious baths; and the house, which is not only convenient, but superb, hangs in a most romantic situation on the side of the mountain, amidst the gloom of the forest, close to the lively Tamina.

Being desirous of visiting the warm source, I crossed the Tamina, over a wooden bridge, and entered a chasm, or narrow opening in a rock of lime-stone, through which the torrent has forced its way. The chasm is from ten to twenty feet broad, and from two to three hundred feet high. In some places it is open at top and overspread with shrubs; in some its sides converge and almost touch; in others it is quite closed with enormous masses of fallen rock, and scarcely admits a feeble ray of light. The passage through this chasm is quite dreadful, and my head almost turns giddy at the recital.

I went along a kind of scaffolding erected for the purpose of supporting a wooden aqueduct, through which the waters are conveyed: the planks upon which I walked, either resting upon long beams, or suspended by iron cramps driven into the sides of the rock, hang over the torrent. I was frequently obliged to stoop for a considerable way, to avoid the impending rock; in some places I traversed a single plank, which forms a kind of bridge suspended over the gulf, tottering under my weight, and so narrow that I was compelled to walk sideways. In this manner I continued for near a quarter of an hour before I reached the warm springs, which gush abundantly from the crevices of the rock. Here the baths were formerly constructed: the houses for the reception of the sick were built upon a platform, under the overhanging crags; a situation so dreary, that I no longer find the description given by the writers of the last century in the least degree exaggerated. Willing to convey a general idea of their gloominess, they represent these dwellings as never receiving the rays of the sun, and so dark that the inhabitants were accustomed to use candles at midday. The approach to the baths was very inconvenient; the company descended ranges of perpendicular ladders, or were let down by ropes. As the rocks have fallen, and

overwhelmed these subterraneous dwellings, I could observe no traces of them, except some holes in the rock for the beams which supported the houses.

These baths have been so renowned for their efficacy in curing the gout, rheumatism, and cutaneous disorders, that, according to the general opinion, they contain a small portion of gold; as if that metal would render them more salutary. The waters are transparent, perfectly free from smell or taste, and about the warmth of milk immediately drawn from the cow. Persons who have analysed them say, that they deposit no sediment, are as light and pure as rain-water, are impregnated with a small quantity of volatile alkali and iron, but contain no sulphur.

I returned from this source through the same chasm, and along the same tottering scaffolding, and was not displeased when I issued again into day. I then mounted to the village of Pfeffers, descended into the plain of the Rhine, and hastened to Coire.

LETTER 85.

Union of the Three Leagues—Diet—Constituent Parts—Mode of choosing the Deputies—Analogy between the Grison Diet and the British Parliament, according to the Plan of extending to the People at large the Right of electing Representatives—Remarks on the Inexpediency of that Plan.

THE country of the Grisons is divided into three leagues, which unite and form one republic; the Grey League, the Cadée, or the House of God, and the Ten Jurisdictions. The respective communities of these three Leagues have their peculiar constitution, enjoy their municipal laws and customs, and are independent commonwealths in all concerns, which do not interfere with the general policy of the whole republic, or the articles of the particular league of which they form a part.

It is remarkable, that the precise period at which the three leagues formally united to compose one general republic cannot be ascertained from any positive record in the annals of this

country. Campel, the best historian of the Grisons, places this event about 1436*. For though the first articles of union which are transmitted to posterity were drawn up in 1524, it is plain that there were others of anterior date, because it is therein expressly mentioned, that the said articles were compiled from a former treaty, with great additions. This union has since been frequently renewed at different periods; but the articles remain without alteration.

The connection between the three leagues is maintained by means of an annual diet, of the congress, and of the three chiefs.

The diet is composed of sixty-three deputies, and the three chiefs; the Grey League sends twenty-seven, the House of God twenty-two, and the Ten Jurisdictions fourteen; they are chosen in the several communities by every male at a stated age†.

The diet assembles annually about the beginning of September at Ilants, Coire, and Davos,

* Sprecher, however, in his *Pallas Rhætica*, fixes the union of the three Leagues in 1471, p. 228. Elz. Edit. Most of the Grison historians follow Sprecher.

† The age which entitles them to vote is not exactly the same in all communities; in some it commences as early as fourteen.

by rotation, and continues sitting three weeks or a month. The chief of the league, in whose district the diet is held, is president for that turn, and has the casting voice in case of equal suffrages. The supreme authority is not absolutely and finally vested in the diet, but in the communities at large; for in all affairs of importance, such as declaring war, making peace, enacting laws, contracting alliances, and imposing taxes, the deputies either bring positive instructions from their constituents, or refer those points, concerning which they have no instructions, to the decision of the respective communities; so that in effect the supreme power constitutionally resides in the body of the people, and not in their representatives at the diet. All questions in the diet are carried or rejected by a majority of voices, and the mode of voting is as follows: In all cases where the communities send instructions, the deputies deliver them to the secretary, who reads them aloud; if these instructions are obscurely worded, as sometimes happens, either through accident or design, the diet determines by a majority, in what sense they shall be taken. In resolutions, which, for want of instructions, are subject, after the decision of the diet, to the revival of the communities, each member is at liberty to vote

as

as he chuses. The three chiefs have no suffrage, when the communities send their instructions, because they are not representatives; but in all cases which are either not referable, or afterwards submitted to the communities, they vote in the same manner as the deputies.

It is worthy of remark, that although each deputy has the power of bringing in any bill, or proposing any question, yet he can only communicate it to the assembly through the medium of the president, who may lay it before the assembly, without any previous notice, at any time before its dissolution; a privilege which invests him with great influence in promoting or opposing the success of a motion.

The deputies receive, for their attendance, a small salary from the public treasury, which never exceeds five shillings a-day.

Extraordinary diets are convoked at the request of any foreign court, who will discharge the expence of the sittings, and upon other important emergencies. This extraordinary assembly is sometimes composed of all the deputies, at other times of only half the number, in which case it is called a half diet; the deputies are chosen in the same manner as at the election of a general diet, and its powers are the same.

The

The aristocratical party is still further strengthened by the power delegated to the congress; an assembly formed by the three chiefs, and three deputies from each league. In the Grey League these deputies are nominated by the Landrichter; in each of the other leagues they are chosen by rotation from the communities.

This congress generally meets in February or March at Coire; for which reason the chief of the League of God's House is president; its office is to receive the votes of the several communities, relative to the questions referred to their deliberation at the last diet, and to communicate to each the result of the general decision. Whenever the answer of a community is not clearly worded, the congress determines the meaning of the vote, and this circumstance gives an opening to much intrigue. For, if the leading persons in any community do not chuse to form a positive decision, they have it obscurely worded, provided they are certain that a majority of the congress will affix that interpretation which they desire. This assembly issues decrees to the subject countries: if such decrees are agreeable to the governors, they carry them into execution; but if otherwise, and they can secure a majority at the approaching diet, they reject them, alleging that congress
has

has exceeded its power. The three chiefs, as well as each of the other members of the congress, receive as a defrayment of their expences 54 florins, or about £. 4.

The three chiefs assemble regularly three times in the year at Coire, and upon any emergency may be also summoned by the chief of the League of God's House. The principal meeting is in the month of May, when they write circular letters to the several communities, concerning the questions which are to be laid before the general diet. All the circular letters are written in German, and are translated into Italian or Romanish by the notaries of the district where those languages are spoken; all public acts and documents are compiled in German; at the diet all bills are proposed in that language; but the deputies, who do not understand German, may speak Italian*.

Those

* Of all the constitutions in Switzerland, that of the Grisons was the most democratic, and seemed to contain many of the essential characteristics considered by the French as constituting a perfect form of representative government, such as primary assemblies, annual elections, universal suffrage, and general eligibility. Yet the French no less attempted to democratise the most democratic constitution on earth, and proved that possession, and not reform, was their object. It was not difficult

Those theorists, who are so anxious to reform the English House of Commons by transferring to

difficult to excite tumult and insurrection among a people divided into factions, and turbulent from the popular nature of their constitution.

As early as 1790, the agents of France were industrious in disseminating the new principles, but the great body of the people were averse to all innovation. At length, in 1794, a society of Grison Jacobins induced the people to abolish the ancient form of government, to substitute a National Convention in the place of the General Diet, and to throw themselves under the protection of France; and this revolution was accompanied with the usual horrors of pillage, banishment, and bloodshed.

This precarious tenure, however, did not satisfy the French rulers, who coveted the possession of a country, which commanded the passes of Switzerland and the Tyrol; and Bonaparte had no sooner concluded the armistice with the emperor, than he dismembered the Valteline, Chiavenna, and Bormio, and annexed them to the Cisalpine republic. This perfidious conduct unveiled the ambitious designs of France, inflamed the resentments of the people against their Jacobin leaders; and the anti-revolutionary party began to recover their ascendancy. The proceedings of the French in revolutionising Switzerland, and the cruelties committed in the small cantons, particularly the massacre of Unterwalden, excited general horror, and the people, inspired
by

to *the people at large* the election of their representatives in parliament, might, on examining with attention the features of the Grison diet, fondly imagine, that an *annual* assembly, in the choice of whose members *every male* of the state

by the approach of an Austrian army, rejected the mandate of the French directory to incorporate themselves with the Helvetic Republic, one and indivisible, re-established the ancient government, drove out the agents of France, recalled the exiles, decreed a defensive armament under the command of M. de Salis of Marſchlin, and gave notice to the court of Vienna of their intention to claim the number of troops stipulated by the capitulation of Milan.

General Schawembourg instantly marched 15,000 troops to the frontiers of the Grisons, on the side of Sargans, and prepared, with the aid of the French party, to regain possession of the country. The insurgents secretly assembled on the night of the 5th of October at Mayenfeld and Malantz; but the conspiracy being detected, the alarm-bell was sounded, the Jacobins were disarmed, 10,000 peasants flew to the defiles, and the regents, equally disregarding the threats and promises of the French resident, demanded the assistance of the emperor, and committed the defence of their country to an Austrian army.

On the renewal of hostilities between France and Austria, the country of the Grisons became the scene of bloody contests, and was alternately occupied by both armies; but is now (1801) in the possession and under the power of France.

has

has a vote, and which, in all material occurrences, is liable to *be directed by its constituents*, must *necessarily* be the purest sanctuary of general freedom. In this instance, however, their conjectures are by no means consonant to fact and experience ; as corruption and influence are not in any national parliament more conspicuous than in the diet of the Grisons.

For although, in general, those deputies, *annually chosen by every male of a stated age, are subject to be controuled in their votes by written orders from their constituents*, yet they frequently contrived to elude this restriction. Sometimes the instructions are drawn up, with the consent of the community, under the sole direction of the deputy himself ; at other times an exemption from positive instructions, and the power of voting at his own pleasure, is purchased by the deputy from his constituents. Sometimes again the deputy, although he cannot gain either of these points, has still sufficient address to get his instructions so obscurely worded as to admit a doubtful interpretation.

By various intrigues of this kind the greater part of the deputies ultimately acquire the power of voting as they please, and as they chiefly obtain this power by corrupting their constituents, most of them in return sell their vote to the leading

ing members of the diet ; for most questions are carried, and most causes decided by bribery. Nor can it well be otherwise, when the electors are persons in needy circumstances ; and the members, who have purchased their seats, are not themselves exalted by their possessions above temptation.

Thus the leading members secure an unbounded sway in the affairs of the diet ; but still it should seem, that whatever influence they may obtain by corrupting the deputies, yet as the diet does not in many cases decide finally, they could not acquire the same authority in those concerns, which must be referred to the determination of the communities at large. Here at least we might expect the unbiassed sense of the majority of the people. But it may be universally remarked, that the delegation of deliberative authority to the people at large unavoidably tends to introduce an actual, though not an acknowledged aristocracy. For a *numerous* populace summoned to determine upon political, legislative, and judicial questions, *far above their comprehensions*, must resign themselves to the direction of more informed men, especially when aided by the recommendation of superior wealth. The deputies being generally the chiefs of those communities which they represent, have
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the principal influence, and easily find means to incline the opinion of the people to the side which they have espoused. In fact, without this aristocratical influence, the excess of freedom would degenerate into anarchy, and public deliberations be attended with endless disputes and factions.

If therefore corruption and aristocratical influence alone diminish factions and prevent anarchy in so poor a country as that of the Grisons, and in a republic scarcely known among the nations of Europe; to what a dreadful excess must the same evils prevail, if the *same* mode of electing, and giving instructions to, members of parliament, subsisted in a kingdom like England; where riches and luxury are continually advancing with such rapid strides; where the most important political and commercial debates are agitated without restraint, and where the decisions of public affairs frequently affect the peace and interests of all Europe.

Theoretical reasoners may, indeed, attempt to prove, that the best method of preventing corruption is to augment the number of electors, from the chimerical idea, that *large numbers* cannot be bribed. But if we appeal from uncertain theory to more certain experience, we shall find that this argument is contradicted by the history

of all ages. Among the Grecian republics, those commonwealths in which the magistrates were chosen by the *people at large*, were the most venal. Among the Romans, the most effectual means which Julius Cæsar, the ablest politician of his age, employed to subjugate his country, was to extend the privileges and votes of Roman citizens to *all* the inhabitants of Italy. The members of the Polish diet *, which is no less venal than the diet of the Grisons, are chosen by needy and *numerous* electors, of whom far the greater part possess no property; and whose *numbers*, instead of preventing, necessarily tend to increase influence and corruption †.

* See Travels into Poland, Russia, &c. Vol. I. B. 1. c. vi. & viii.

† If instances were wanting to justify the truth of these observations, the French revolution will afford an uncontrovertible example. The great and leading features of their representative form of government, which was to give happiness and peace to mankind, were, as in the Grison diet, annual elections, universal suffrage, and general eligibility without any qualification. The consequences have been venality, persecution, anarchy, and universal spoliation, which have ultimately terminated in despotism. Fortunately the great majority of the English nation are fully convinced that the absurdity of realising the specious notion of a reform in parliament is proved by experience, and that universal suffrage,
annual

LETTER 86.

*Valley of Sopra Selva—Ilants—Truns—Disentis
—Tavetch.*

IMPATIENT to return to England, after so long an absence from my friends, I yesterday morning quitted Coire, passed by Embs,

annual elections, and general eligibility without qualification, would be attended with the same fatal effects which they produced in France.

The French having, in the commencement of the revolutionary career, made every thing subservient to personal liberty, and constituted their fabric of government on the basis of universal suffrage, are now hurrying into the contrary extreme, and in the new metaphysical system the rights of property are alone considered.

Roederer, one of the principal supporters of democracy in the early periods of the revolution, alluding to the evils of universal suffrage, which he calls the extension of the elective franchise, has recently declared “ that it could produce nothing but the invasion of the republic by beggars, the subversion of the constitution, and an anarchy regularly organised ;” and in speaking of frequent elections, he also observes, “ How could men hazard such a measure as that of annually agitating a mass of thirty millions of men ?”

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and over the bridge of Richenau, which I again stopped to admire, as it boldly projected over the Rhine. I then rode along the side of the mountains which separate the Grisons from the canton of Glarus, went through Tamins, and left Flims on my right, situated about a quarter of a mile from the road, in a pleasant plain. The houses of these towns are not scattered like those of Davos, but stand in separate clusters, resembling the burghs of Engadina. Having traversed thick forests of pines, and a very wild country, richly diversified with grain and pasture, I descended to the deep bed of the Rhine, and crossed it to Ilants.

Ilants, the capital of the Grey League, is a small town, containing about sixty houses, and partly surrounded by walls; a circumstance which serves to distinguish it, as it is the only walled town, excepting Coire, in this country. It is also remarkable as the place where the general diet of the three leagues assembles every third year. The adjacent country is fertile in every species of grain and pasture. The points of view are uncommonly fine, exhibiting a small plain skirted by cultivated mountains, and backed by a ridge of barren rocks which bound the valley of Lugnetz. The Romansh, which is spoken in these parts, differs considerably, both
as

as to pronunciation and orthography, from that of Engadina. By the assistance of some persons to whom I had letters of recommendation, I procured several books in the dialect of this league; these, in addition to others I obtained in Engadina, have so considerably swelled my travelling library, that if I continue to increase the collection, I must hire an additional horse for the purpose of carrying my baggage of information.

This tract of country, stretching from Reichenau to the mountain of St. Gothard, is called the valley of Sopra Selva, and is the most populous part of the Grey League.

Quitting Ilants, I pursued my route at the foot of the mountains, through a plain covered with pasture and forest by the side of the Rhine, which is rapid and shallow; and passed through a rocky country, continually ascending and descending amid large tracts of forest. I crossed the Rhine several times during the last four or five miles; that river formed repeated cataracts, as I judged from the roaring sound, for the evening was so dark, that I could not distinguish any object.

I arrived late at Truns, remarkable in the history of this country as the place where the

independence of the league was first ratified, and an alliance concluded between the chiefs and the communities. An aged oak still exists, under which, according to tradition, the three chiefs confirmed the liberties of the league; and near it a chapel, whose walls are painted with a representation of the ceremony.

My curiosity led me to the town-house, in which the diet of the Grey League is annually assembled. The room is well adapted for the purpose, and is handsomely painted with the arms of the Landrichters, beginning from those of John of Lambris, the first person appointed to that office when the Grey League was formed. From this place of meeting the assembly is always called the Diet of Truns. It consists of the same twenty-seven deputies who are appointed for the general diet of the three leagues, the two Landrichters, the abbot of Disentis, the representative of the House of Austria, as baron of Retzuns, and the temporary Cau de Sax. All affairs relating to legislation, politics, and finance, which concern the general interest of the league, are agitated in this assembly, and the questions decided by the majority of voices.

At

At the same place is also a court of appeal composed of sixteen * deputies, and the Land-richter, who has the casting voice ; it decides in the last resort all civil causes above a certain sum, brought from the decision of the civil courts in the communities of the Grey League.

Disentis, from whence I am now writing, takes its appellation from an abbey of that name, whose abbot was formerly sovereign over this part of the Grey League, and who, although he has suffered a diminution of his prerogatives, yet, as one of the chiefs of the league, still possesses no inconsiderable influence in the general administration of affairs. At the diet of Truns he not only votes, but has such weight,

* These deputies are taken from the eight High Jurisdictions of the Grey League, in the following proportions :

From Disentis	—	—	4
Grub	—	—	2
Lugnetz	—	—	2
Waltenberg		—	3
Rheinwald aad Schams			2
Retzuns	—	—	1
Tufis	—	—	1
Masox	—	—	1
			—
			16

that few acts can pass in opposition to his will. In the court of appeal, although he is not present, he may be said to possess four votes, as the four deputies from the High Jurisdiction of Disentis are generally nominated through his interest. Nor is his ascendancy confined to the Grey League; by the nomination of the Landrichter every third year, he secures four * votes in the congress for that sitting, and has also much power in the general diet of the Grisons by his influence over the deputies of the Grey League. His present revenue is very small, scarcely amounting to £. 100 *per ann.*; in addition he receives a pension from the House of Austria, which is interested to secure his concurrence. He is chosen by the Benedictine monks, who compose the chapter, and is a prince of the German empire.

The abbey, situated upon the side of the mountain, is a large quadrangular building, and makes a magnificent appearance from the

* He proposes for Landrichter three candidates, from whom one is nominated by the deputies, but the latter always elect the person he recommends; and as the Landrichter appoints the three deputies to the congress, and is himself a member of the same assembly, the abbot may justly be said in that year to influence *four* votes in the congress.

village.

village. I was much disappointed that the abbot was not in the country; I had the pleasure of meeting him at Coire, and found him a person of considerable information. I no less regretted his absence, because he had in his possession the key of the archives, which are said to contain several curious records of high antiquity. The monks who politely accompanied me over the abbey were able to give me little intelligence. Besides the great church, they carried me to a small chapel, esteemed the most ancient in the whole country of the Grisons. Being previously informed that books in the Romanish tongue, for the use of the Roman Catholics, are frequently printed in the abbey, I procured several from the monks, particularly a vocabulary of the Romanish spoken in the valley of Sopra Selva.

Difentis is a straggling village lying upon a gentle declivity, which slopes gradually from the foot of the mountains to the banks of the Rhine. The sides of the mountains are clothed with groves of firs and small birch; the lower parts yield rich pasture, a small quantity of wheat, rye, and millet. Opposite Difentis is the valley of Medels, from which descends a torrent called the Middle Rhine, and joins the upper branch that flows from the chain of the St. Gothard.

The

The communities of Disentis and Tavetch, which form a High Jurisdiction, occupy the western extremity of the valley of Sopra Selva, stretching as far as the confines of Uri. The whole body of people assemble every two years at Disentis in the open air, for the choice of the Landamman, and for the confirmation of their magistrates, as well as for the purpose of enacting laws; they nominate also to the governments of the subject provinces. The courts of judicature are established at Disentis; and the judges chosen by the people in the separate districts. The general administration of affairs is entrusted to a council of sixteen, which gives instructions to their deputies sent by the two communities to the general diet of the three leagues. The Landamman is president, and has the casting voice. The abbot enjoys the privilege of being present at all political questions, and of giving his vote; he has considerable influence in these communities. Formerly the fines for criminal offences belonged to him; but one of his predecessors having disposed of that right, they are now divided among the judges.

September 30th.

I QUITTED Disentis this morning, and in about two hours entered the pleasant valley of Tavetch,
lying

lying at the foot of the Alps, which separate the Grisons from the canton of Uri. The villages are numerous, and consist of scattered cottages chiefly constructed of wood, resembling the Swiss hamlets in the small cantons. I met many large herds of cattle just descended from the higher Alps, and driving towards the fairs of Tirano and Lugano.

The valley of Tavetch produces pasture, hemp, and flax, and a small quantity of rye and barley; the trees are chiefly firs and pines, and their number gradually diminishes towards the extremity of the vale. From Tavetch I ascended a narrow path, and passed through Selva and Cimut, the last village in the country of the Grisons, where I took my farewell of the Romansh. The country became more and more wild as I ascended; and the Upper Rhine gradually diminished as I approached its source. A little beyond Cimut I came into a small plain of pasture, watered by two streams which unite and form the Upper Rhine. I once intended to visit the source of the principal stream, that precipitates from mount Badus; but finding, upon inquiry from the inhabitants of Selva, that it would employ at least five hours; as the day was far advanced, and my late illness has disqualified me

me for such fatiguing journeys, I prudently pursued my route to Urseren. At Cimut, a peasant, who had frequently visited the spot, informed me, that the chief source of the Rhine descends from a glacier upon the summit of the Badus, and forms a piece of water about half a mile in circumference, called the lake of St. Thomas; from this lake a torrent precipitates itself down the mountain, and being joined by many springs and currents forms the larger of the two streams, which unite in the above-mentioned plain. From this plain I ascended by the side of the smaller stream, until I traced it falling from a glacier close to the confines of the canton of Uri. The ascent, though abrupt and craggy, was not so difficult as the passage of the Braglio or the Muret. These alps produce no trees, but are covered to a great height with herbage.

After two hours continued ascent from the valley of Tavetch, I reached the highest point of the chain, which separates the country of the Grisons from the canton of Uri; a few paces further I passed a post without an inscription, which marks the boundary between the two respective territories. Soon afterwards I arrived at a lake of an oblong shape, a mile and a half in circumference, formed principally by a torrent
that

that falls from the northern side of the same chain, which gives rise to the Rhine; the lake supplies a stream that may be called one of the sources of the Reufs. I followed it as it flows through a narrow plain, until I came to a steep descent, where the beautiful valley of Urseren suddenly burst upon my view.

LETTER 87.

*General Idea of the Courts of Justice—Religion—
Revenues—Population.*

DURING the course of my correspondence I have occasionally mentioned the judicial proceedings in some of the communities. I shall here remark in general, that throughout the three leagues the Roman law prevails, modified by municipal customs. The courts of justice in each community are composed of the chief magistrate, who presides, and a certain number of jurymen chosen by the people: they have no regular salary, but receive for their attendance a small sum,

sum, arising in some communities from the expences of the process, which are defrayed by the criminals, in others from a share of the fines. They enjoy the power of pardoning or diminishing the penalty, and of receiving a composition in money. This mode of proceeding supposes, what is as absurd in theory as it is contrary to experience, that judges will incline to mercy when it is their *interest* to convict; or will impartially inflict punishment, even when injurious to their own private advantage.

The prisoners are examined in private, and frequently tortured, for the purpose of forcing confession, when the judges either divide the fines, or remit the punishment for a composition. In some districts a criminal trial is a kind of festival to the judges, for whom a good repast* is provided at the expence of the prisoner if convicted; thus the allusion, in Garth's Dispensary, applied with more wit than truth to our courts of justice, is literally fulfilled:

“ And wretches hang, that jurymen may DINE.”

Capital punishments, however, are extremely rare; a circumstance arising not from any pecu-

* A specific sum is allowed for the expence of the dinner, amounting in general to about 48 florins.

liar lenity in the penal statutes, or a propensity to mercy in the judges; but because the judges draw more advantages from fining than executing an offender. In a word, to use the expression of Burnet, which is no less true at present than in his time, "Many crimes go unpunished, if the persons who commit them have either great credit or much money."

It is remarkable that torture is more frequently applied, and for smaller delinquencies, in these independent republics, than in the subject provinces. The infliction of it depends entirely upon the arbitrary will of the judges, a majority of whom may order it for an offence which by the statutes is not capital, nor even punishable by corporal penalties. Thus it is not uncommon, in those communities where fines are divided among the judges, to torture women of loose conduct, for the purpose of compelling them to confess with whom they have been connected; for as such offences * are punishable

* In many of the communities inconti-
 nence between married persons is pu- } 200 florins.
 nished by a fine of - - - }
 A married and single person - 150
 Persons unmarried - - - 100
 A pound sterling is equal to about 13½ Grison florins.

by

by fine, the more persons are convicted, the larger share of money is distributed among the judges. Even in the districts, where the fines are paid to the community, torture is often no less wantonly inflicted; because, when the prisoner is not found guilty, the expences of the process fall upon the public, and the judges receive less emolument.

Even in the civil courts most causes are decided by bribing the judges, and appeals in those communities, wherein they are admitted, scarcely serve any other end than to enlarge the sphere of corruption: Coire and a few other places are excepted from this general reflection. This description comprehends the course of jurisprudence throughout the Grisons: how then can it be expected, that the governors of the subject provinces should impartially administer justice, where their power is enlarged, and where they enjoy greater means of enriching themselves?

Before I close the account of the courts of judicature, it may be necessary to mention the *Straffgericht**, or public chamber of justice, which

* Paschal, the French ambassador from Henry the Fourth to the Grisons, gives, in his *Rhetica Legatio*, the following

which was established upon particular occasions, and in the most alarming crisis of affairs, by the consent of the general diet, and which, during its sittings, had jurisdiction over the three leagues. It was chiefly held in cases of high treason, and is thus justly described by Burnet: “ There is a
 “ part of this constitution that is very terrible,
 “ and which makes the greatest men in it trem-
 “ ble: the peasants come sometimes in great
 “ bodies, and demand a chamber of justice from
 “ the general diet, and they are bound to grant
 “ it always when it is thus demanded, which
 “ comes about generally once in twenty years;
 “ commonly this tumult of the peasants is set on
 “ by some of the mal-contented gentry, and
 “ generally there are a great many sacrifices
 “ made. This court is composed of ten judges
 “ out of every league, and twenty advocates,
 “ who manage such accusations as are presented

following definition of a Straffgericht: *Straffgerichtum, est is hominum, paucis exceptis, imperitorum, ac truculentorum confessus, qui rebus turbidis a motâ, et lasciviente, multitudine educitur in hoc, ut sæviat in personas, et fortunas eorum, quos vel sua pravitas, si facinorosi homines sint, aut si boni, sua infelicitas, his duris capitibus mactandos objicit: igitur ea omnia ibi aspere et violenter ex rumore et libidine plebis et partis iratæ agit, hanc sæviendi occasionem jamdiu aucupantis.*

“ to them: this court is paramount to law, and
“ acts like a court of inquisition; they give the
“ question, and do every thing that they think
“ necessary to discover the truth of such accusa-
“ tions as are presented to them; and the deci-
“ sions of this court can never be brought under
“ a second review; though there is an exception
“ to this, for about a hundred years ago one
“ court of justice reversed all that another had
“ done; but that is a single instance.”

These meetings, very usual in the last century, were always attended with such dreadful effects as nearly to endanger the republic. The present generation, grown wiser by experience, and either aware of the dreadful effects of such licentious proceedings, or less agitated with intestine dissensions, have never had recourse to these sanguinary measures: accordingly these courts are now fallen into disuse, and may be considered as obsolete, although not abolished by public authority.

The religion of the Grisons is divided into Catholic and Reformed, the only persuasions tolerated in this country. By the Reformed is meant what we call Calvinism, although it is not the same as was established at Geneva. For, as the reformation was introduced into this country by the disciples of Zuingli, the religion

religion of the Protestant Grisons bears a greater resemblance to that settled at Zurich, than to the church of Geneva; although the difference between the two sects is extremely trifling. Among the Grisons the Protestants are more numerous than the Catholics, being estimated at about two thirds of the inhabitants; and Stanyan justly asserts*, that “as all their elections are decided by the plurality of voices, the republic of the Grisons may be deemed a Protestant state.”

The reformation was introduced very early; the new doctrines were first preached about the year 1524, and received at Fläsch, a small village in the Ten Jurisdictions, upon the confines of Sargans; from thence they were extended to Mayenfeld and Malantz, and soon afterwards through the whole valley of Pretigau. The reformed opinions spread with such celerity, that before the end of the sixteenth century they were embraced by the whole league of the Ten Jurisdictions, (excepting part of the community of Alvenew,) the greater part of the House of God, and a few communities in the Grey League.

* State of Switzerland, p. 228.

The difference of religion nearly excited a civil war between the two sects, as well at the first introduction of the reformation, as at the beginning of the troubles in the Valteline, where the two parties rose in arms; but the Catholics being overpowered by the Protestants, matters were amicably adjusted. Since that period, all religious concerns have been regulated with perfect cordiality. According to the general consent of the three leagues, each community, being absolute within its little territory, has the power of appointing its own mode of worship, and the inhabitants are free to follow either the Catholic or Reformed persuasion. In the administration of civil affairs religion has no interference; the deputies of the general diet may be members of either communion. By this moderate and tolerating principle all religious dissensions have been suppressed; and the most perfect amity subsists between the two sects.

In spiritual concerns the Catholics for the most part are under the jurisdiction of the bishop of Coire. For the affairs of the Reformed churches, each league is divided into a certain number of districts, the ministers whereof assemble twice every year; these assemblies are called *colloquia*. Each *colloquium* has its president, and each league
a super-

a superintendant, called a dean. The supreme authority in spiritual concerns is vested in the synod, which is composed of the three deans, and the clergy of each league; the synod assembles every year alternately in each of the three leagues. Candidates for holy orders are examined before the synod. The necessary qualification for admission into the church ought to be the knowledge of Hebrew, Greek, and Latin; but this rule is not strictly adhered to; many being ordained without the least acquaintance with either of those languages. Formerly Latin was solely used, as well in the debates of the synod as for the purpose of examining the candidates; but at present that tongue grows more and more into disuse, and German is employed in its stead.

The number of reformed parishes in the whole three Leagues amounts to 135. In the Grey League 46, in that of God's House 53, and in the League of Ten Jurisdictions 36. The ministers of these churches enjoy very small salaries. The richest benefices do not perhaps yield more than £. 20, or at most £. 25 *per ann.* and the poorest sometimes scarcely £. 6.

This scanty income is attended with many inconveniences. It obliges the clergy, who have families, to follow some branch of traffic, to the

neglect of their ecclesiastical studies, and to the degradation of the professional character. Another inconvenience is superadded to the narrowness of their income. In most communities the ministers, though confirmed by the synod, are chosen by the people of the parish, and are solely dependent on their bounty.

For these reasons the candidates for holy orders are generally extremely ignorant; they cannot support that expence which is requisite to pursue their studies; they are not animated with the expectation of a decent competence, and, from the dependent mode of their election, are not encouraged to deserve their promotion by a consistent dignity of character. But there are not wanting a few men of great knowledge and eminence, as well in their professional studies as in other branches of polite learning. Beside Aporta, whom I look up to as a kind of phænomenon in the literary world, I have met with two or three clergymen who are greatly distinguished for their erudition, and who would do credit to any church.

It is remarkable, that the liturgies of these reformed churches are not exactly the same; a diversity owing to the independence of so many small commonwealths, which are absolute, within their little territories, in all concerns that do not
affect

affect the political union of the three Leagues. The churches of the German communities use the liturgy of Zurich ; but as this form of prayer was amended in 1766, some of the ministers admit the new, and others still retain the ancient liturgy.

Stephen Gabriel, pastor of Ilantz, a person of great learning in the beginning of the last century, translated into the Romanish of the Grey League the liturgy of Zurich ; and the same form of prayer is used in the Upper and Lower Engadina, adapted to their respective idioms *. The ministers of the Italian churches employ a translation of the Genevan liturgy †.

The old style is in use among the Protestants, the new style among the Catholics ‡ ; a few years ago an attempt was made to introduce the latter among the Protestants. The inhabitants of Pregalia admitted it, and those of Upper Engadina offered also to receive it, if the town

* For the Romanish spoken in Upper and Lower Engadina, see Letter 90.

† In 1749 a new service was introduced into the churches of Pregalia ; but, on account of its length, soon fell into disuse.

‡ I am informed, that since my departure from the Grisons the new style has been adopted by several Protestant communities.

of Coire would set the example. Its admission, however, being strongly opposed from religious scruples, it was absolutely rejected, and the inhabitants of Pregalia again adopted the old style.

The revenues of the three Leagues arise from the following articles :

1. The duties upon the merchandise which passes through the Grisons, the Valteline, and Chiavenna; they are farmed at the annual rate of 17,000 florins, or about £. 1259. 2. A third of the fines laid upon delinquents in the subject countries; the fluctuating state of this article cannot be ascertained. 3. A tribute of 500 philips * from the Valteline, and 100 from Chiavenna. 4. A small fund, the principal part of which is only £. 4000, vested in the English stocks.

The public expenditure is very trifling, being chiefly confined to the expences incurred by the sittings of the diet, and the salary assigned to the deputies for their attendance.

Besides this public treasury, each League has a fund. The pensions received from foreign powers are paid annually at the meeting of the diet, when they are equally divided

* A philip = 5s.

between the three Leagues, and each deputy distribute the share to the community which he represents.

Many disputes have occasionally arisen among the Grisons in regard to the power of coining, and several of the communities have asserted their claim to the exercise of that right. The fact is, that each community might doubtless coin money, and order it to be taken within its own little territory ; but as it would not pass in the other parts, the right is merely nominal. According to the general consent of the three Leagues, this privilege is vested in the town of Coire, in the bishop, and in the baron of Haldenstein *. No money is, however, struck in the Grisons, excepting a small copper coin called blutger, which is somewhat less than a half-penny. The gold and silver current in the country is chiefly Austrian and French.

From the best information which I have been able to collect, the population of the Grisons may be thus estimated :

The Grey League contains	—	54,000 souls.
League of God's House	—	29,000
League of Ten Jurisdictions	—	15,000
		<hr/>
		98,000

* And I believe in the abbot of Disentis.

If we add 87,000, the number of inhabitants in the Valteline, Chiavenna, and Bormio, the whole population of the Grisons, and the subject countries, will amount to only 185,000 souls; and, allowing for deficiencies, will scarcely exceed 200,000.

LETTER 88.

Commerce of the Grisons—Canal of the Adda.

THE commerce of the Grisons is extremely contracted; the only exports (exclusive of those from the subject provinces) being cheese and cattle. They import grain, rice, salt, and silk stuffs, from Milan; grain from Suabia and Tyrol; salt from Tyrol and Bavaria; fine cloth, chiefly English, French, and Silesian, through Germany; fine linen and muslins from Switzerland. As the only manufacture throughout the whole country is that of cotton established at Coire, it is evident that the balance of trade must turn considerably against them. They are enabled

abled to support this deficiency by means of the estates which the Grisons possess in the subject provinces, by the sums which the governors draw from those provinces, by public and private pensions from France and Austria, by money saved in foreign services, and by the duties upon the merchandise passing through their territories.

As most of the Grison peasants weave cloth and linen for the use of their families, it would be no difficult undertaking to introduce manufactures in different parts. But in these little republics a strange prejudice prevails against commerce, and the project of establishing manufactures is opposed by many leading men of the country. It is difficult to discover the occasion of these illiberal principles; it has been imputed to a suspicion, that if the people should become opulent by commerce, they would be less open to influence, and the powerful families, who now direct the public affairs, would lose their ascendancy. Besides these reasons, which are of too delicate a nature to be openly acknowledged, other motives of a more generous complexion have been assigned.

The advocates for limiting commerce assert, that as the true riches of every country consist

in the produce of agriculture, all occupations, which draw the attention of the people from that great object, are detrimental to the general good of society; in free states particularly, manufactures tend to enervate the inhabitants, to introduce luxury, to depress the spirit of freedom, and to destroy the general simplicity of manners.

These arguments, however specious in appearance, will prove fallacious upon mature consideration. If in a country, which subsists chiefly by agriculture, manufactures are pursued to the total neglect of husbandry, they then become detrimental; but this is seldom the case; for, by adding to the general consumption, manufactures usually tend to increase, instead of diminishing, the produce of the earth. Such have been the effects in the mountains of Neuchatel, where the forests have been cleared, and the country converted into pasture, or sown with grain. Manufactures and commerce are still farther serviceable in augmenting the number of inhabitants, which form the true riches of a country. For whenever constant opportunities of employing a number of men occur, children will not be a burden to the peasants, and population will increase; which cannot happen in districts affording little employment.

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With respect to the Grisons in particular, their territory, being entirely mountainous, will not yield sufficient produce for interior consumption, consequently some means of supplying the deficiency must be adopted. Now surely it would be far more honourable to pursue commerce, even if attended with some unavoidable inconveniences, than to depend for subsistence on foreign subsidies, to oppress and exhaust the subject provinces, and to exhibit a regular system of venality, which almost pervades the whole mass of people.

Neither does the establishment of manufactures tend to enervate the inhabitants, and diminish the spirit of freedom. In fact, the manufactures in these democratical states are by no means similar to those introduced into large towns, where numbers of individuals are collected in the same spot ; on the contrary, the work is divided, and distributed among the peasants, who, with their wives and children, weave the cloth at home. By this method they preserve (as I had occasion to remark in the canton of Appenzel) their original simplicity of manners, and maintain the spirit of freedom, even to a greater degree, than in those parts where there is no commerce. Examples are not wanting among the Grisons themselves : the natives of Upper Engadina,
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who are so much inclined to trade, are in reality more free and less influenced than the people of the other communities; nor is it observed, that the inhabitants of the valley of Pretigau have become more enervated, since they have been employed in preparing cotton for the manufactory at Coire. In fact, that kind of occupation does not always take the peasants from more active employments. In summer, they are at leisure to cultivate the earth, while their wives and children attend principally to the manufactures; during the long winters, which last in these Alpine regions for six months without intermission, agriculture is necessarily suspended, and these occupations succeed the more laborious exertions of the field.

As the principal commerce of the Grisons and the subject provinces is carried on across the lake of Como with Milan, I shall give an account of the inland navigation, which has been lately established for the purpose of facilitating that commerce; the several parts of which I had the curiosity to visit.

The water communication between the country of the Grisons and Milan is formed by the lake of Como, by its branch the lake of Lecco, by the Adda, by the canals of the Adda and Trezzo.

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The canal of Trezzo, called also *Canalie della Martesana*, begins at Trezzo, situated on the Adda, and is carried to Milan. This cut, which is 24 miles in length, commenced in 1457, under the reign of Francis Sforza, and completed in 1460, did not at first serve for the purpose of navigation more than two days in the week; being principally used for overflowing the low grounds with water, necessary for the cultivation of rice. In 1573, during the administration of the duke of Aberquerque, Spanish governor of Milan, the cut was enlarged, and the body of water so much increased, as to admit the passage of vessels every day.

Still, however, the Adda was not navigable during the whole way between the lake of Lecco and Trezzo; but formed a succession of cataracts for the space of a mile. To obviate this inconvenience, a canal was projected, in 1519, but no part was carried into execution, excepting a mole, which was thrown across the Adda. In 1591 the work was undertaken, and the canal completed in 1599. But the stream of the Adda was no sooner admitted into the cut, than the banks broke down, for so considerable a way, as to render all repairs impracticable. This breach, generally imputed to the violence of the current, was principally owing to the nature of
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the rock, in which the cut was excavated, and to an error in the original plan. The rock is a composition of gravel and sand, or a species of pudding-stone, of loose texture and unequal solidity; and as the cut was made too near the precipice, which overhangs the Adda, that part of the rock which formed the bank of the canal was not sufficiently strong to support the weight of water.

From that time the canal was considered an impracticable work, and abandoned; until a few years ago it was again undertaken by order of the emperor Joseph the Second, and carried on with such expedition, as to be finished within the space of three years.

The canal is about a mile in length, and is excavated in the rocks, which form the precipitous banks of the Adda. In some places the rock has been hollowed to the depth of 100 feet, and the breadth of 200. The fall of water, which is equal to the perpendicular height of about 80 feet, is broken by six sluices; and the water is supplied by the stream of the Adda; the breadth of the canal is 70 feet.

The expence has already amounted to near £. 100,000. The engineers, however, seem to have fallen into the same error which attended the original plan, by forming the cut too near
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the precipice. In consequence of this inadvertence, the water lately forced down the banks of the canal; and the damage was not repaired without much difficulty and considerable expence. Notwithstanding the precaution of letting out the superfluous water by flood-gates, there is reason to apprehend, that these breaches will be frequent; and that the recent labours may be rendered as ineffectual as those of the Spaniards.

But should the canal continue in its present state, and the navigation not be interrupted; the advantages will hardly compensate the expence of making and keeping it in repair. The commerce between the Grisons and Milan is extremely contracted, and if all the merchandise which passes was conveyed along the canals, the tolls and duties would be very inadequate to the expence.

The navigation, however, from the lake of Como to Milan is attended with many difficulties, and the greater part of the merchandise is sent by land, as the most commodious and less hazardous way. The current of the Adda is so rapid, that the vessels cannot be towed up without great expence and delay, and is in some parts so extremely dangerous, that boats are not unfrequently overfet. The only persons, there-

fore, who forward their merchandise along the Adda and the canals to the lake of Lecco are the contractors, who furnish the Grisons with corn and salt, and who are compelled by the government of Milan to send those commodities by water. When it is considered that Milan receives from the Grisons only planks, stones for building, and coals, but supplies them with corn, rice, and salt; the articles of export evidently exceed those of import, and the navigation from Milan to the lake of Como is of more consequence than that from the lake of Como to Milan. The canal of the Adda, therefore, which has only facilitated the inland navigation from the Grisons to Milan, and not from Milan to the Grisons, though a work of extreme difficulty, and redounding greatly to the honour of the sovereign who completed it, will scarcely produce advantages equal to its original cost and frequent repairs *.

* The curious reader is referred to the Abbe Frisi's account of the Canals of the Adda, and Trezzo, and of the other navigable canals in the Milanese. See *Pauli Frisi Opera*, Tom. ii. *Dei Canali Navigabili di Lombardia*, 4to. Lib. ii. Cap. 3, 4, & 5.

LETTER 89.

*Alliances of the Grisons with the Swiss Cantons—
France—Venice—and the House of Austria.*

THE alliances of the Grisons with foreign powers come next under consideration.

The Three Leagues, though always esteemed allies of the Swiss, yet are not, strictly speaking, in confederacy with all the cantons. In 1497 the Grey League, and in the following year the League of God's House, entered into a perpetual treaty with Zurich, Lucern, Uri, Schweitz, Underwalden, Zug, and Glarus. Although the League of Ten Jurisdictions was not included in the same treaty; yet it was afterwards declared that, in consequence of its connection with the other two leagues, it should be entitled to the same assistance and good offices. The Three Leagues are in close alliance with Bern and Zurich, to whose mediation they have frequently had recourse in points of disagreement. By these treaties the Grisons are called allies of the Swiss, and, in consequence of a request from the particular cantons, with which they are

united, ought, in case of invasion or rebellion, to be supplied with succours from the Swiss republics.

The Grisons contracted the first alliance with France in 1509, during the reign of Louis the Twelfth, and in 1516 were comprised in the treaty of perpetual peace between Francis the First and the Helvetic body. Since that period they have, as occasion offered, renewed their private confederacy with the kings of France ; but were not comprehended in the late treaty of Soleure, concluded between Louis the Sixteenth and the other states of Switzerland. The king of France maintains an envoy in this country, and has two Grison regiments in his service.

In 1707 a treaty was formed between the Grisons on the one side, queen Anne and the United Provinces on the other, for permitting the free passage of troops marching into Italy. This is the only alliance by which the Grisons, as a particular state, are connected with England. Our court formerly had a minister in the country ; but for some time the English envoy to the Swiss cantons resident at Bern, has transacted business with this republic.

The Venetians, for the purpose of procuring the free passage of the Valteline, had often solicited an alliance with the Grisons ; but their projects

projects were always defeated by the influence of the Spanish monarch, who possessed the Milanese; nor were they able to accomplish their design, until the Spanish branch of the House of Austria became extinct in the person of Charles the Second. Soon after that event, when Milan was the object of contention between the emperor and the French, the Venetians obtained the assent of the Grisons to a treaty of alliance offensive and defensive, which was ratified at Coire the 17th of December 1706. By this treaty it was stipulated, among other articles on the side of the Venetians, to pay an annual pension of 711 Spanish doubloons, and to furnish the Grisons in time of war, with a thousand Venetian ducats *per* month; in return, the Grisons agreed to permit the passage of the Venetian troops through the Valteline, and to make a road leading from Morbegno over the mountain of St. Mark into the Venetian territories, by which accommodation merchandise might be conveyed to and from Venice to Germany without going through the Tyrol.

This treaty, concluded for twenty years, was to continue in force for the same additional period, unless one of the contracting parties should withdraw before the expiration of the

first term ; but though obtained by the Venetians with much trouble and expence, it was not long fulfilled by either of the negotiating powers. In a few years the Venetians omitted the payment of the annual pension, and the Grisons neglected to make the road over the mountain of St. Mark. The two republics, however, continued upon terms of amity ; and the Venetians, soon after the expiration of the forty years, desirous of renewing the treaty, offered to discharge the arrears of the pension, if the Grisons would open the proposed communication over the mountain of St. Mark. For this purpose an envoy was dispatched to the Grisons in 1759, and no promises were spared to promote the negociation : it failed, however, through the influence of the empress of Germany. The Grisons rejected the proposals of Venice, and still further alienated that republic by the capitulation of Milan. The Venetians, incensed by this conduct, banished the Grisons who were settled within their territories, and all connection is now interrupted between the two republics.

The treaties with the House of Austria, as sovereigns of the Milanese, remain to be considered. It is not my purpose to mention any treaties which the Grisons contracted with the
dukes

dukes of Milan of the house of Sforza, or those by which Philip the Second and his successors acknowledged their claim to the Valteline, Chiavenna, and Bormio; but I shall begin with the celebrated alliance, or, as it is called, the *Capitulation* of Milan in 1639; because it superseded all others, and established that close connection between the Grisons and the House of Austria, which has since continued with little interruption.

The following are the principal articles in this capitulation, concluded between Philip the Fourth, king of Spain, as duke of Milan, and the Three Leagues: An hereditary and perpetual peace between the two contracting powers. Weekly fairs to be established in the neighbouring towns of the Milanese, in which the Grisons may purchase grain, and also enjoy a free trade, for the purpose of importing and exporting all kinds of merchandise and arms, on paying only the accustomed duties. A free passage through the territories of the Grisons for the Spanish troops, with a reserve, that no more than a company of 150 infantry, and a troop of 60 cavalry shall march through the same day. Free passage of the Grison troops through the Milanese, upon condition that they do not march against the allies of Spain, and that more

than two or three companies do not pass at one time. The king may levy at his own expence, in cases of necessity, a body of troops not exceeding 6000 nor less than 2000, for his service against all his enemies, except the confederates of the Grisons, and particularly the republic of Venice. All Grison troops in the service of any state or sovereign, intending to attack the territories of the king of Spain, shall be immediately recalled; and all officers and soldiers, who enrol themselves in any foreign service, shall be forbidden to invade his majesty's territories. If the Grisons should be engaged in war, the king obliges himself to furnish, within fifteen days, 2000 infantry and 200 cavalry; but if they prefer assistance in money, to pay 1000 scudi * per month as long as the war lasts; also to send into the country of Chiavenna six pieces of campaign artillery, with ammunition sufficient for the service of the war. No troops shall be allowed to pass through the respective territories to the disadvantage of the two contracting parties.

To each league the king promises an annual pension of 1500 scudi, and also to pay for the education of two students from each league at

* A Milanese scudo = to about 4s. 6d.

Pavia or Milan, besides a donation of sixty scudi to each student.

All ancient alliances with any other powers are to remain in force on both sides, particularly the treaty between the Grisons and France; they promise, however, not to renew it in case of a rupture between the two crowns; and, if renewed, to declare at the same time that it is to be suspended during such a rupture, and to contract no alliance with any foreign power to the prejudice of this perpetual peace. Should either party be attacked, the other, without any regard to the stipulations in favour of their ancient allies, is bound to give assistance against such invasion, excepting however on his majesty's part, the German branch of the House of Austria; if that house should engage in war with the Grisons, for the maintenance of its rights in the territory of the Grisons.

The causes which gave rise to this capitulation, as well as the articles respecting the Valteline, having been already related *; it will be necessary only to remark, that the Spaniards guaranteed to the Grisons the possession of their subject provinces, and to the subjects the confirmation

* Letter 75.

of their privileges. In case of diffention between the Grifons and their subjects, the dispute is to be referred to the mediation of the king of Spain.

This treaty, signed at Milan on the 3d of September 1639, by the marquis de Legnes, governor of Milan, on the part of the Spanish king, and on the other by the deputies of the Three Leagues, was preserved inviolate, and a good understanding maintained between the contracting powers, until the extinction of the Spanish branch of the House of Austria in the person of Charles the Second. During the war of the succession, which followed his death, the Milanese frequently changed masters, until it was secured to the emperor Charles the Sixth by the peace of Utrecht. Charles had no sooner established his power in his new dominions, than he turned his attention to the Grifons, and prevailed upon them to renew the capitulation of Milan. One of the principal arguments which gave success to his negociation was the promise, not only of continuing the annual pension, but even of discharging the arrears, which amounted to twenty-nine payments.

This new treaty, in which the German branch of the House of Austria succeeded to the Spanish, was concluded on the 24th of October 1726,

by count Daun, governor of Milan, in the name of Charles the Sixth, and the deputies of the Three Leagues. It confirmed and ratified the ancient capitulation of 1639, with a few modifications and additions, of which the principal are: The duties upon corn purchased by the Grisons in the Milanese are lowered two thirds. The tenth article in the first treaty, by which all Grison troops in the service of any state designing to attack the territories of the House of Austria are subject to immediate recall, is annulled; and the Grisons are free to serve any foreign prince in time of war without incurring the breach of this capitulation. The number of students educated at the expence of the emperor is increased to twelve.

On the 8th of February 1763, this hereditary league was renewed by count Firmian, in the name of the empress of Germany as sovereign of Milan, and the deputies of the Three Leagues. By this treaty the capitulations of 1639 and 1726 are ratified, and serve as the basis of the present union; they are also augmented by the following articles:

The empress renounces all right to the lake of Chiavenna, together with a small portion of the adjacent territory, and cedes them in perpetuity to the Grisons. The limits between the
Milanese

Milanese and the territory of the Grisons are accurately fixed.

In return for this cession, the Grisons agree to erect no fortifications upon the ceded territory, impose no new taxes upon the transport of merchandise, make no new roads, and, according to the former capitulation, no troops shall be permitted to pass to the prejudice of the state of Milan.

The empress promises to obtain from the pope an abolition of several ecclesiastical privileges in the Valteline, highly detrimental to society; to prevent the bishop of Como from granting ecclesiastical immunities to laymen, who assume the clerical dress; also to correct several other abuses, which render the clergy of the Valteline independent of secular authority, and in civil and criminal causes only amenable to the bishop of Como. The weekly fairs for the purchase of grain are abolished; and in their stead the House of Austria agrees to supply the Grisons with a certain quantity for themselves and for the subject countries, according to the current price of corn in the Milanese. The duties upon merchandise exported from the Milanese are lowered, and the customs both in that country and in the territory of the Grisons are established upon a permanent footing;
for

for which purpose a table of the duties is annexed to the treaty.

At present the House of Austria directs all the affairs of the Grisons with the most unbounded authority. That power has acquired this sway by regularly discharging the public pensions, by holding the leading members of the diet in its pay, by being a guarantee of the Valteline, and mediator in all the disputes between the Grisons and their subjects*.

* This intimate connection with the house of Austria preserved the Grisons from the subjugation experienced by the other states of Switzerland, and the security of its freedom depends solely on the strength of that power to protect them from the arms of France.

LETTER 90.

Languages of the Grisons — Particularly the Romanſh — Its Antiquity — Origin — and two principal Dialects.

THE languages of the Grisons are the Italian, German, and Romanſh. The Italian, which is a jargon ſimilar to the Milanefe dialect, is ſpoken by the inhabitants of Pregalia and Puſchiavo, and in the vallies of Maſox and Calanca.

The German is ſpoken throughout the whole League of the Ten Jurifdictions, a few villages excepted; in the League of God's Houſe, at Avers, Coire, and the four villages; and in the Grey League, at Splugen, Cepina, and other villages of the Rheinwald, at Valts, in the valley of St. Pedro, at Tufis, Reichenau, Feldſperg, Tamins, Meyerhof, Verſam, and Valendros.

Some of the earlieſt and moſt authentic writers upon the Grisons have aſſerted, that the natives of the Rheinwald ſpeak a Celtic idiom, a language

guage neither German or Romanſh, but more ſimilar to the German; although they are entirely ſurrounded by people of a different tongue, and are neither contiguous, nor have any great intercourſe, with the German inhabitants. From this remarkable circumſtance they are led to conjecture, that the natives of the Rheinwald are deſcended from the *Lepontii*, a Celtic nation, and conſidered as the original inhabitants of this country before the influx of the Tuſcans; and they ground the proofs of this aſſertion upon the numerous names of many caſtles which ſeem to be derived from a * Celtic or German origin. This hypotheſis, however, reſts upon a wrong baſis, and is grounded upon two miſtakes. For, in the firſt place, the language of the Rheinwald is German; ſecondly, although the inhabitants of this diſtrict are

* Cluverius and other authors have erroneouſly ſuppoſed the Gothic and Celtic nations to be the *ſame*, and their language to have given riſe to the Teutonic or German: but the learned tranſlator (Dr. Percy, biſhop of Dromore) of Mallet's Northern Antiquities, has eſta- bliſhed, beyond a doubt, that the Celtic and Gothic nations were originally different, and that there was not the leaſt affinity between the languages; the Celtic having given riſe to the old Gallic, Britiſh, Erſe, &c. &c. and the Gothic to the German. See Tranſlator's Preface to Mallet's Northern Antiquities.

immediately

immediately surrounded by persons speaking the Italian and Romanſh, yet they are within half a day's journey of Roncaglia, Tufis, and Furſtenau, where German is the common language. It is more probable, therefore, that the Rheinwald was peopled by a German colony, which penetrated into theſe regions in the darker ages, when the Germans iſſued from their forests, and ſpread themſelves over part of Europe. With reſpect to the German names of caſtles and towns we may remark, that many of them are corrupted from the Romanſh, that others have been adopted in later times; and, as a proof that the Romanſh is more ancient in this country than the German, the greater part of the mountains, vallies, and oldeſt caſtles, have Romanſh appellations, even in the diſtricts inhabited by the Germans*.

This circumſtance leads me to the conſideration of the Rhetian, or as it is more commonly

* The German names adopted from the Romanſh are very numerous; ſuch as *Chur* from *Curia* or *Coire*, *Splugen* or *Speluga*, *Cepina*, *Tufis* or *Toffan*, *Davos*, *Pretigau* or *Rhetigoua*, *Caſtels*, &c.

The following German names are evidently of a very late date: *Furſtenau*, *Furſtenburg*, *Haldenſtein*, *Lichtenſtein*, *Heinzenberg*, *Reichenau*, *Rheinwald*, &c. as will eaſily be allowed by any one converſant in that tongue.

called,

called the * Romanſh, which is the vernacular tongue among the greater part of the Grisons ; a language in former times more extensively diffused than at present, being spoken at Coire and the adjacent districts, and through the Tyrol, as far as Innspruck.

I had the good fortune to meet with a German translation of Planta's excellent Treatise upon the Romanſh of the Grisons, of which I had before seen the original in the Philosophical Transactions for 1775. The perusal of this treatise first excited my inquiries ; and although I am obliged to differ from the ingenious author in a few instances ; yet I hold myself indebted to him, for having greatly facilitated my researches, and for a more accurate knowledge of the subject than I could otherwise have obtained.

The Romanſh of this country is divided into two principal dialects, the one spoken in the Grey League, and the other in that of God's House. These dialects, although materially varying as to pronunciation and orthography, are yet sufficiently similar in the general arrangement and expressions, to be comprised within the same inquiry.

* It is called by the natives *Arumaunſh*, *Rumaunſch*, *Romanſch*, *Lingua Romanſcha*.

It must always be extremely difficult to trace the origin of any language ; for etymologists are too apt to build a favourite system, by mistaking a partial for a general resemblance ; and finding a few similar expressions in two languages, which in other respects are essentially different, conclude them to be derived from the same stock. The Grison writers, however, pretend, that the proofs of the antiquity and origin of their language are too well founded to admit of the least doubt. They assert that the Rhetian tongue is derived from the Latin, or from a dialect of the Latin ; and the arguments upon which they ground their assertion may be reduced to three principal heads. 1. The history of the country ; 2. The names of places which have evidently a Latin origin ; 3. Its similarity to the Latin, and to other languages derived mediately or immediately from the Latin.

1. The history of the country. Livy, who has given the earliest account of these Alps, informs us, that under the reign of Tarquinius Priscus, a colony of Tuscans, driven from Lombardy by the Gauls, settled in these mountainous regions ; and the same historian adds, that in his time the Rhetians, who were descended from these first colonists, still retained some traces of the Tuscan pronun-

pronunciation, although vitiated by lapse of time and change of situation.

Since that period, we have no positive documents of any subsequent emigration ; although it is probable, that upon many occasions in which the Italians quitted their country, they retired to these Alps, and mixed with the natives. In some of these excursions, it is likely, that the inhabitants of Latium, or others, who spoke the Latin, or at least a dialect of that tongue, which must have had a considerable affinity to the Tuscan, established themselves in these regions ; but whether this settlement happened during the invasion of Hannibal, or at any subsequent period, cannot be exactly ascertained.

About the time of the Cæsars, Rhetia became an object of Roman conquest ; and frequent expeditions were made into these parts, until the whole country was reduced to a Roman province, and governed by a prætor resident at Coire. During that period, many Roman families established themselves in these Alps, and diffused the knowledge of their language. On the decline of the Roman power, Rhetia came under the dominion of the Franks, a German nation ; who introduced their own tongue into many places, and in others gave a new turn and modification to the Latin, by

the addition of auxiliary verbs, and by the frequent use of the articles.

2. The second proof of the derivation of the Romanish from the Latin, rests upon the numerous names of mountains, rivers, towns, and castles, which evidently seem to have a Roman origin. To use the words of the ecclesiastical historian *, whom I have so often quoted, “Persons versed in classic antiquity, who travel among the Grisons, will, from the frequency of Latin appellations, conceive that they are passing through Latium, Etruria, and Campania. They will trace the ancient names *Ardeates*, *Vettones*, *Sentimates*, *Samnites*, in Ardets, Vertan, Sent, and Samnun. They will meet with mount *Umbria*, the river *Albula*, the towns *Antium*, *Susa*, *Lavinium*, *Tutium*, *Seaptia*, *Silium*, *Cernetia*, and many others; derivations so plain and so frequently occurring, evidently certify their origin.”

3. The affinity of the Romanish, as well to the Latin, as to the languages immediately derived from the Latin.

First, a collateral argument in favour of its derivation from the Latin may be deduced from the word *Romanish*, the general appellation of the language, and the particular dialect of Engadina,

* Aporta, Hist. I. p. 6.

called *Ladin* ; both these terms having in effect the same signification, *Latin* * and *Roman* being synonymous. But without insisting too much on this conjecture, we need only refer to a book written in the Grison tongue, to perceive the general affinity of its vocabulary to that of the Latin. In this comparison, however, great allowance must be made for the variation which must have taken place between a mother tongue, as written in the best authors, and its offspring, which for many centuries was merely colloquial, and not only been occasionally intermixed with other languages, but has suffered a change in its general modification by the admission of the German syntax.

Yet it by no means follows, that the Romanish, although the undoubted offspring of the Latin, was derived immediately from that language, such as it is found in the best authors, or as consigned to writing during any period of the Roman æra ; but rather, that it owed its origin

* *Latin* and *Ladin* are the same words, only differently pronounced ; for it must be evident to any one the least conversant with different languages, how often the *t* and the *d* are substituted for each other. Quintilian says that the old Romans frequently wrote a *t*, before they had any fixed rules of orthography, instead of a *d* ; for Alexander—Alexanter.

to the vulgar tongue, as it was spoken by the people, or to some provincial dialect of Italy. In all living tongues there is a colloquial as well as a written language; for how different are the English and Scottish idioms, and even the dialects of Lancashire and Norfolk? In France the Parisian accent varies essentially from the provincial pronunciation; and the several patois of Provence, Lorrain, and Gascony, cannot be understood without respective glossaries. The same circumstance prevails in Germany, where the idioms of the Saxons, Austrians, and Suabians, are scarcely intelligible to each other. That this was equally the case with the Latin, we may collect not only from the general analogy of language, but likewise from the testimony of the best authors.

The origin of the Italian and of the other dialects, which are derived principally from the Latin, is frequently attributed to the invasion of the Goths under Alaric; when a new language was introduced throughout Italy and the Roman provinces. But this is not precisely the truth; for these several dialects arose from a corruption, or at least a variation, in the primitive Latin, antecedent to the irruption of the Goths, or even to the times of the Cæsars. Italy was occupied by many people originally independent:

ent: the *Umbri*, *Osce*, *Samnites*, *Etrusci*, and *Piceni*, all of whom differed in dialect, and many in language, from the Romans. But the Romans had no sooner conquered Italy, than the Latin language came into general use, though in the provinces it was not uniformly pronounced in the same manner; as the natives of every district varied in their mode of articulation.

Cicero mentions several* corruptions of the Latin which he could scarcely comprehend; and Horace alludes to the people of Canusium, in *Græcia Magna*, as speaking a mixed language†. Canusium contained, besides the original Greek natives, many inhabitants from different parts of Italy, who spoke Latin. Hence their language was a mixture of both Greek and Latin; but so extremely impure, as to give rise to the proverb, *Canusini more bilinguis*.

In Italy there must have been many idioms of this sort, which were for a long time unobserved.

* Amongst other examples he says, that the people, instead of *diem hanc*, pronounced *di hanc*, and *cauneas* instead of *cave ne eas*.

† *Cum Pedius caussas exsudet Poplicola atque
Corvinus, patriis intermiscere petita*

Verba foris malis, Canusini more BILINGUIS!

Lib. I. Sat. x. v. 30.

For while Rome flourished, the language of that capital was the standard of purity ; and all other dialects of the Latin were disregarded. Yet, even at Rome itself, the Latin was corrupted at a very early period. Suetonius * relates, that Augustus frequently affected to write words as they were pronounced, without any regard to orthography, and to abridge them, by the change or omission of syllables. If this was the practice of the sovereign himself, in the purity of the Augustan age, and in the capital, we may be assured, that the same custom was still more prevalent among the people in the distant provinces, and particularly towards the decline of the empire.

Thus the Latin tongue was growing gradually more corrupt, and would, in process of time, have almost totally varied from its primitive purity, even had Rome continued to be the seat of empire ; yet it may be allowed, that its decline was hastened by the irruption of the Goths.

Should these remarks be founded on fact, the Romans must have left traces of their language throughout the different provinces of their vast empire ; and the several dialects derived

* *Non literas modo sed syllabas permutat aut praterit. Communis hominum error.*

from

from the colloquial Latin, before they were refined and polished, must have borne a resemblance to each other, in some places more striking, in others more faint and distant. Although these dialects were in some measure changed and modified by the introduction of the Gothic or German idiom, which the conquerors gradually established throughout the Roman provinces; yet the same affinity must have been still observed: those changes affected *all* the dialects, and consisted not so much in varying the expressions, as in giving a new modification to the general syntax, by the introduction of the auxiliary verbs, by the indection of the cases, and by the necessary use of prepositions and articles.

If therefore the Romans established themselves in the country of the Grisons so effectually as to introduce their own language; and if that tongue, derived from the colloquial Latin, and still further modified by the adoption of the German syntax, is, from the peculiar situation of the natives, and from not being consigned to writing till within these last two hundred years, little changed from its primitive state; we have reason to expect, that it should bear evident marks of affinity to those dialects which have originated from the colloquial Latin, and were equally
modified

modified by the German syntax; it follows also, that the resemblance will be greater in proportion as we can trace earlier and ruder specimens; this analogy is consonant to experience.

The earliest language, which undoubtedly draws its origin from the colloquial Latin, is the ancient Romanish, called *Lingua Romana*, the mother of the French tongue. It was understood in Italy, in the Morea, and at Constantinople, and was universally diffused throughout the southern parts of Europe in the eleventh and twelfth centuries. Planta has unquestionably proved that this tongue and the Romanish of the Grisons are the same language.

We cannot expect, perhaps, the same evident affinity between the Romanish of the Grisons and any other language now existing; but in comparing it with the Italian, and particularly some provincial dialects of Italy, the Spanish *, the Patois of Provence, Languedoc, Gascony, and Lorraine, we shall easily perceive, that they originated from the same stock, with the difference which time, a variety of pronunciation, and the mixture of other tongues, must necessarily

* In comparing it with the Spanish, we must exclude those words which have a strong guttural pronunciation, and are evidently derived from the Arabic.

occasion in all languages. With respect to the Italian, it is remarkable that the Romanſh leſs reſembles the pure Tuſcan idiom than the provincial dialects; a circumſtance eaſily accounted for. The Tuſcan has been gradually purified and refined, until it has undergone a conſiderable change; and the provincial dialects, being leſs committed to writing, have not been ſubject to ſuch variation.

To theſe languages I may add that ſpoken by the Vaudois, inhabiting the valleys of Piedmont, in the ſixteenth century, of which Leger has printed ſpecimens, the originals whereof are now extant in the public library at Cambridge; alſo the Wallachian tongue, which is derived from the Latin, introduced by the colony of Romans eſtabliſhed by Trajan on the banks of the Danube. The preſent natives, deſcendants of that colony, although ſurrounded by people ſpeaking the Hungarian and Sclavonian, talk a language in which evident traces of the original Latin are ſtill preſerved. It bears a general reſemblance to the Italian; and Aporta, who paſſed ſome time in Hungary, informed me, that, allowing for the variety of pronunciation, he comprehended the natives, and found in their expreſſions no inconfiderable degree of affinity to the Romanſh.

The

The Romanſh of the Grifons is divided into two principal dialects, that of the Grey League and the *Ladin* of Engadina; for it is needless to mention separately the Romanſh ſpoken in the valleys of Muſter and Surſet.

The two dialects perfectly agree in the grammatical arrangement, but differ widely in the pronunciation and orthography: of the two, the *Ladin*, being leſs intermixed with foreign words, is the pureſt; the Romanſh of the Grey League, from the number of German colonies blended with the natives, abounds more in German expreſſions.

The *Ladin* is divided into the two idioms of Upper and Lower Engadina; the vocabulary of both is the ſame, with a ſmall variety of accent* and pronunciation, which ariſes chiefly from the different manner of articulating the vowels. The inhabitants of Lower Engadina ſpeak with a

* To give an inſtance of this difference.

The inhabitants of Lower Engadina pronounce the *a* open as we do in *war*, while thoſe of Upper Engadina uſe an *æ* inſtead of the *a*.

Star	Stær
Judicar	Judicær
Armaint	Armænt
Oux	Or
Chiauffa	Chioſſa.

broader accent, like the Dorians among the Greeks; while those of Upper Engadina, like the Ionians, use a softer pronunciation. Hence is derived a variety in the orthography of the two idioms; and books, although perfectly understood by both, are printed somewhat differently in the two districts.

Before the introduction of the reformation among the Grisons, the Romanish was esteemed so barbarous a jargon as to be thought incapable of being reduced to grammatical form *. It is no wonder that the monks, whose interest it was to keep the people in the grossest ignorance, should have favoured this opinion; but it is a matter of astonishment, that the most learned among the native laics, and such intelligent foreigners as † Tschudi and Stumpf, should have supported a notion so contradictory to common sense. For

* Aporta, lib. ii. p. 403.

† *Rhetica lingua tam perplexa et impedita est, ut scribi nequeat; unde omnes literæ ab antiquis confectæ, Latine scriptæ sunt, et quas hodie parant, Germanice scribi procurant.* See Tschudi Alp. Rhæt. p. 9.—And, as Philip Galicius expresses himself in his preface to Campel's Psalter:—
Parce chia 'lg noas languak mæ nun ais stett scritt, ne eir crett brick ch'ell s'poassa scrirever insyn avaut brick b'lear anns, chia 'lg saimper deng da ngyr cun bunur nummad huom Ser Joan Travers da Quotz haa ell impriim scritt in Ladin la noassa guerra.

although

although it is an evident axiom, that all living tongues may be reduced to certain principles, and consigned to writing, yet the barbarism of the Romansh was so universally prevalent, that no attempt was made to write it before the sixteenth century. The person to whom the Grisons owe the first production in their native tongue, was John de Travers; a man who, blending the characters of the soldier, politician, scholar, and divine, performed the most essential services to his country; by his valour in arms, by his skill in negociation, by cultivating and protecting letters, and by favouring and assisting the introduction of the reformed religion.

This respectable person, of a noble and opulent family of Zutz in Upper Engadina, was born in 1483: before the eighth year of his age he was sent for his education to Munich, and from thence into Transylvania. Being there seized with a desire of travelling, he remained absent thirteen years, and returned to Zutz about the 28th year of his age. Highly distinguished * for integrity, learning, and abilities, he

* *Ille quidem anno 1483 natus, bis Vallis Tellinæ Gubernator, Episcopalis Aulæ Curator, plurimis ad exteros Principes legationibus clarus, in Patria vero omnibus honoris gradibus*

he acquired universal esteem, and was raised to every honour which his grateful country was capable of bestowing. Indeed, such was the respect generally shewn to his superior talents, that no affair of moment was transacted by the Republic of the Grisons in which he was not consulted. His acquaintance with foreign languages, his knowledge of the world, and the politeness of his address, rendered him the fittest instrument to negotiate with foreign powers; and he always acquitted himself with honour. In a military line he greatly signalised himself as commander of the Grison forces against James of Medicis, for the rapidity of his movements, his personal valour, and cautious conduct; and by laying siege to the fortrefs of Muffon*, he brought the campaign to a speedy and successful issue.

bus natus, eruditione, dexteritate, et auctoritate unus in Rætia florebat; ut Reipublicæ lumen, fidus, et decus merito habetur. Eo virtutes quia multam ipsi conciliaverunt famam, nulla in Republica momenti agebatur causa, cujus vel arbiter non esset vel consilium non advocaretur, &c. Aporta, tom. I. p. 229.

* Situated near the Lake of Como, not far from Gravedona.

He

He was greatly instrumental in forwarding the progress of the reformation. Although inclined to favour the new doctrines, yet he was never hurried away by a misguided zeal. Unwilling to renounce the religion in which he had been educated, without the strongest conviction of its superstitious tendency, he studied the controversy between the two sects, and weighed the arguments on both sides with the utmost deliberation; but he no sooner became a proselyte to the reformed opinions, than he shewed himself as zealous in promoting, as he had previously been circumspect in adopting them. Nor did he only favour the reformation by his example and authority, but he even promulgated its doctrines. As few natives of Engadina were qualified, by their learning and theological knowledge, to preach in the Ladin, the progress of the reformation was considerably retarded. For these reasons John de Travers, who had critically studied and written in his own tongue, condescended to instruct the people. Having obtained the permission of the church, he ascended the pulpit *, and explained in the most perspicuous

* *Stupuit tunc ordo Evangelicus, stupuit tota Rætia contemplans eximium inclitum que Heroa, inter Rætiæ gentis optimates,*
diu

perspicuous manner the Christian doctrines. His distinguished abilities, his exalted rank, his venerable age, and his amiable character, drew from all quarters a numerous audience; while his discourses, delivered with a noble simplicity of eloquence, made the deepest impression, and never failed to increase the number of proselytes. This respectable man finished his career which had been so useful to his country, and so honourable to himself, in 1563, and in the 80th year of his age. His writings in the Ladin, which gave rise to this digression, were, a poem in rhyme, describing the war of Mufson; many sermons; and several sacred dramas in verse.

The example of committing the Ladin to writing was next followed by Philip Salutz, called Gallicius, one of the earliest reformers among the Grisons; who, in 1534, translated the Lord's prayer, the Apostles' creed, and the decalogue, into the dialect of Lower Engadina, and not

diu principem habitum, summis etiam, patriæ honoribus, debito virtutibus premio insignitum, senio nunc confectum suggestu in publica sacra æde conscenso, populum docere, et alia Ecclesiastica munia, quando res poscebat, operam suam cum ordinario Ministro conjungendo, et laborem participando, summo audientium applausu undique ex locis circa vicinis, integris turmis ad ejus sermones audiendos confluentibus, obiit. Aporta, tom. ii.

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long

long afterwards, some chapters of Genesis, from the Hebrew, and the Athanasian Creed; which were distributed in manuscript among the natives. Huldric Campel wrote several sacred dramas, in the representation of which he himself assisted; and also turned some of the psalms into verse.

But these compositions, being only in manuscript, were too scarce for general use; and James Tutschet, of Samada, more known by the name of Biveronius, was the first who ventured to publish in his native tongue. That celebrated reformer, finding, from experience, that the want of religious books in the colloquial language was a great obstruction to the progress of the reformation, printed at Puschiavo, in 1560, a small work*, which contained
an

* I possess a copy of this scarce work, reprinted at Zurich 1621, but without the title page. At my request the learned Aporta favoured me with an accurate catalogue of all the books printed in the Romansh of Engadina and of the Grey League, accompanied with many critical remarks, which I have made use of in this letter.

I once proposed to print this catalogue, which gives the titles of 82 books printed in the Ladin, and 26 in the Romansh of the Grey League; but relinquished it because it would have swelled this work too much, and would be uninteresting to the generality
of

an alphabet, the Lord's prayer, the Apostles' creed, the Ten Commandments, and several occasional prayers. This little publication, being well received, was followed by a work of the greatest importance, a translation of the New Testament*.

In 1562 Huldric Campel printed a poetical translation of the psalms† of David, and other hymns, for the use of the reformed churches; this publication afforded a striking proof of the author's genius, who was able to give so much harmony of metre and variety of rhymes to the language in so rude a state. Besides the benefits which this psalter produced in a religious light, it was also serviceable in a literary view; as it contributed to diffuse a taste for poetical composition among his countrymen, and convinced them that divine truths might be inculcated in a pleasing diction.

Aporta, in his excellent History of the Reformation among the Grisons, says that the language of Biveronius is (like infant dialects)

of readers; I shall therefore only insert, in the Appendix, the titles of the Bibles, and of the books printed in the sixteenth century, together with a vocabulary of the language.

* N° 1.

N° 3.

U 2

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rude and unpolished, both as to the mode of expression and orthography, and is scarcely understood at present; that Campel greatly refined it, and endeavoured as much as possible to reduce the words and orthography to a similarity with the Latin, which was the mother tongue. Hence we may observe, that the publications of Biveronius afford the most curious specimen of the Ladin, as it existed in its most ancient state, when it was chiefly a colloquial language.

The possibility of writing and printing the Ladin was no sooner proved by such authorities, than the press teemed with productions calculated to disseminate the reformed opinions. These publications, however, (not excepting even the performance of Campel) as well as all which appeared in the fifteenth and in the beginning of the sixteenth century, are now obsolete, and, without a glossary, almost unintelligible to the natives themselves, who have not made them their particular study.

No version of the whole Bible was published in the Ladin before the year 1679; it was printed at Scuol, in the dialect of Lower Engadina; and republished, with various explanations and a new index, in 1743. Besides the translation of the New Testament by Biveronius, which is
obsolete,

obsolete, a new * version was printed in 1640 in the dialect of Upper Engadina, and is in common use. But the natives of this district have no other version of the Old Testament than that of Lower Engadina.

As it would be uninteresting to send you a dry catalogue of the several publications in the Ladin, I shall therefore only remark in general, that except a history † of the Grisons, compiled from various authors by Aporta, the books in this tongue solely treat of religious subjects. Some of our theological tracts, particularly those written by our divines of the last century, are translated into their language; of these I observed, among the list of books in my possession, Bayley's Practice of Piety, and Baxter on Vows.

The Romansh of the Grey League remains to be considered. The earliest publication in this dialect is a catechism ‡, translated from the German by Daniel Boniface, pastor of Furstenau, and printed in 1601. It was soon followed by a metrical version of several psalms ||, accompanied with other hymns, published at Coire in 1611.

The author of this useful psalter was Stephen Gabriel, a native of Vettan, in Lower Engadina, and pastor of Ilants; he was a man of consider-

* N° 6.

† N° 7.

‡ N° 8.

|| N° 9.

able learning, and his zeal for the reformed religion exposed him to the fury of the Catholics, who, in 1620, plundered his house, burnt his library, and hung him in effigy. Gabriel having escaped to Zurich, drew up, during his retirement, an account of the controversy between the Protestants and Roman Catholics, which in those turbulent times nearly excited a civil war among the Grisons. This polemic treatise, written in the Romansh, was printed at Zurich in 1625, and answered in 1630 by a Roman Catholic priest in the same tongue; a work which is probably the first production printed by the Catholics in the Romansh. Upon the cessation of the civil commotions Gabriel returned to Ilants, where he passed the remainder of his days in tranquillity.

Stephen was succeeded in his preferment and literary pursuits by his son Lucius Gabriel, who, in 1648, gave a version of the New Testament*; a work much wanted; as the inhabitants of the Grey League were mostly ignorant of any but their own language, and could with difficulty comprehend the translation in the dialect of Engadina. It is remarkable, that this version, which was printed only forty-eight years after the

* N^o 10.

Romanſh of the Grey League became a written language, ſhould ſtill continue in uſe; a proof either that the language has not received the ſame degree of refinement as the Ladin, or that the firſt perſons who wrote in this idiom took great pains to ſettle the orthography, and arrange the grammatical conſtruction.

The liſt of books publiſhed in this dialect are for the moſt part, far inferior; both as to number and merit, to thoſe written in the Ladin; for, excepting the two Gabriels, the Grey League has furniſhed few men who have diſtinguiſhed themſelves by ſuperior learning.

A complete tranſlation of the * Bible was not given before the year 1718; it was publiſhed at Coire, at the expence of the Clergy of the Grey League, and dedicated by the printer to George the Firſt, who ſent in return a preſent of fifty guineas. This ſum being delivered to the printer, and claimed by him as his own property, occaſioned a law-ſuit between him and the editors: the latter, however, although in equity they had the ſole right, were never able to obtain any part of the donation.

* N^o 11.

LETTER 91.

FROM DAVID PENNANT ESQ. TO THE AUTHOR.

On the Italian Bailliages of Switzerland—Journey from the Top of the St. Gothard to Milan—The Levantine Valley—Bellinzona—Locarno—Town and Lake of Lugano—Lago Maggiore—Boromean Islands.

SIR,

LITTLE is wanting to complete your description of Switzerland and its dependencies ; that chasm I now endeavour to fill up. Youth and inexperience must serve as excuses for errors and omissions. Happy if this hasty sketch may excite the curiosity of yourself, or any other traveller equally intelligent, whose observations may amuse and instruct mankind. The route which I here attempt to describe, is connected with your work ; a route which would afford satisfaction to the curious of all nations who take you as their guide.

The highest parts of the principal Alpine passes are chiefly occupied by a small plain

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or bason ; as the St. Bernard, the Gemmi, the Splugen, and the St. Gothard. From the summit of the St. Gothard I commenced my route on the 2d of August 1786. I followed the course of the Tesino, which you mention in your letters ; it passes by the Capuchin convent, and is soon after joined by two other rills from the neighbouring mountains. Near this spot the Levantine valley begins, and Switzerland, properly so called, may be said to terminate. The descent on the side of Italy is much steeper, the views more savage and picturesque, than in the ascent from Urseren, and the road is conducted with equal skill. The majestic scenery is heightened by the Tesino tumbling in an almost uninterrupted cataract ; sometimes pent up in a narrow channel, or piercing its way through the remains of avalanches still unmelted, though fully exposed to the rays of a meridian sun. These enormous masses obstruct the road ; and workmen are continually employed in promoting their dissolution ; as the aggregate of unmelted snows, for a few summers, would bar all communication between Switzerland and Italy : with such difficulty are the few passes kept open !

After descending rapidly for three miles through this scene of desolation, bounded on all

all sides by precipices, or impending rocks, the river foaming over blocks of granite, the ruins of the surrounding mountains; we crossed the *Ponte Tremolo*, or trembling bridge; where the view enlarged, and extended over a verdant valley sprinkled with numerous houses.

Airolo, the first small burgh, stands at the bottom of the steep descent; to the right is the passage over mount Grias to Munster in the Upper Vallais, practicable only from the middle of July to October, when 300 horses transport weekly the cheese from the various parts of Switzerland.

At Dacio we found comfortable accommodations; that village consists only of a few houses, seated at the entrance of a pass, capable of being defended with ease against the whole force of Italy. A wall and gate is added to its natural strength; but their principal use is to prevent contraband trade, and to exact a small toll for the merchandise which passes that way. For half a league is a succession of striking and romantic scenery; the perpendicular rocks scarcely affording room for the steep road, and transparent waters of the Tesino, which, thundering over the vast fragments, rises in a white foam, and subtle mist, visible only from refracting the rays of the sun. We crossed the torrent,
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in that short space, over three bridges thrown from rock to rock, whose span and boldness of execution might vie with the boasted, because better known, Devil's Bridge.

Faido is the residence of the bailif, nominated by the canton of Uri. He remains in office four years, and his power is almost unlimited. Unfortunate insurrections in 1712, and in 1755, have been attended with the loss of the few remaining privileges to a people who struggled for liberty against democratic oppression *.

Giornico, called by the Germans Irnis, is famous for the victory which 600 Swiss gained, in 1478, over the troops of the duke of Milan, amounting to 15,000 men; a victory which insured to the Swiss an honourable and advantageous peace. In this neighbourhood we first perceived the effects of a southern sun, and a lesser elevation above the sea, by the frequent appearance of vineyards, and the walnut and chestnut trees of a very large size; the girth of several among the latter was not less than thirty feet. At Polegio, this bailliage ends.

The Levantine Valley, or *Valle Leventina*, is supposed to retain, by its name, traces of the *Lepontii*, the ancient inhabitants of the surround-

* The Levantine Valley was included in the canton and department of Bellinzzone.

ing regions. Its length, from the summit of the passage on the St. Gothard, is about eight leagues; the breadth very inconsiderable. The lower part is extremely populous, rich in pasturage, and produces much hemp and flax. In the neighbourhood of such lofty mountains, its climate must be variable, and liable to frequent rains. To prevent these rains from damaging their crops, the inhabitants suspend and dry the corn and grass on bars supported by two high poles about fifteen feet asunder. The houses are entirely of wood, and have externally the appearance of Swiss cottages; but a neglect of cleanliness proves the vicinity and greater similarity to the Italians. The Tesino is here joined by the Bromio, a torrent which takes its rise in mount Uccello, or the Vogelsberg, near Splugen; a bridge over it is the boundary of the two bailliages of the valleys Levantine and Polese, and leads into that of Riviera. The valley now becomes perfectly flat, and of course subject to violent inundations; the few villages are scattered on the sides of the steep mountains; below all is desolate. Ossogna, the residence of the bailif, consists only of a few houses. The country soon improved; the ground rose gently from the bed of the river, when we came in sight of the beautiful town of Bellinzona, situated

ated in a delightful plain, encircled with ancient walls and battlements in good repair; to the right rise majestically the ruins of an ancient castle; to the left, separately embosomed in trees, are the castles of the bailifs of the three regent cantons, Uri, Schweitz, and Underwalden.

About the beginning of the fifteenth century, the Swiss, at peace with the House of Austria, seem first to have been stimulated with the ambition of extending their dominions towards the south. In 1410, the whole Helvetic body, excepting the canton of Bern, passed their natural barriers, plundered the town of Domo d'Oscella, and the adjacent country, and returned laden with spoil to pass the winter in their humble cottages. Elated by success, the ensuing summer saw them again descend into the plains of Italy, and ravage the duchy of Milan, then subject to the Viscontis; they again retired, but without attempting to make a settlement. Bent on these enterprises, we are not surprised, that, in 1422, the three original cantons purchased the town of Bellinzona from its owners the counts of Sax; or that Philip Maria, duke of Milan, exerted himself to prevent from falling into their hands a town so important, from its situation and natural strength, to check their

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inroads,

inroads, and cover his dominions. Having therefore taken possession of it by force of arms, a body of 8000 Swifs passed the Alps. The forces of both nations met; the Italians were led on by Carmagnola; a bloody battle ensued, of which both sides claimed the victory; the Swifs retired with a standard taken from the enemy, who remained masters of the town.

Excepting some inroads, nothing of importance was again transacted to the south till the year 1466, when Galeazzo Maria Sforza, the new duke of Milan, formed an alliance with his transalpine neighbours; the first article was the cession of the Levantine Valley to the canton of Uri, for which he was annually to receive three hawks and a cross-bow. Yet ten years after, when Charles duke of Búrgundy threatened the total destruction of the republic by his powerful invasions, the treacherous duke of Milan sent a body of troops to his assistance, who were intercepted in the Vallais, and worsted. On the defeat and death of Charles at the battle of Nancy, they again resolved to make an attempt on Bellinzone; but as the season was too far advanced to undertake the siege, a body of 600 Swifs resolved to winter at Giornico. The duke collected an army of 15,000 men, and attacked them in their entrenchments, but was repulsed with

with the loss of 1400 of his best troops. The mountaineers were enriched with the spoils; but no regular attack was made on the object of their invasion.

From this period the wars in which the Swiss engaged no ways concerned themselves: they sacrificed their blood in foreign quarrels, and the contending parties made use of their superior valour to attempt or establish conquests in Italy. In 1500 the three cantons obtained what they had so long contended for; the inhabitants of Bellinzone, vexed by the frequent changes in the Milanese, voluntarily surrendered to them. The French, when they had conquered the duchy, in vain reclaimed it; the Swiss retained possession; and the seven Italian bailliages were formally ceded to them by Maximilian Sforza, in gratitude for their having reinstated him in the ducal seat. Courted or feared by all parties, those valuable territories were confirmed to them by the French, and finally by the House of Austria.

The bailif remains in office two years; he is nominated reciprocally by the three cantons, and is generally removed from Riviera the poorest, to Bellinzone* the most lucrative of the three

* These three bailliages are in the new division consolidated into the canton or department of Bellinzone.

governments. An appeal lies from his decision to the syndicate, and from that court to the three cantons; in ecclesiastical affairs, the inhabitants are cognizable to the bishop of Como, excepting three parishes. Most of the natives understand Italian, but the language is a corrupt German.

The interior of Bellinzone by no means corresponds with its external beauty and situation; the streets are narrow, and the houses ill built. We continued our journey south on the banks of the Tesino, which we crossed in a bad ferry; that river is here increased to a considerable size, by the numerous additions it has received in its course, particularly from the Musa, a torrent which takes its rise in the St. Bernardin, and flowing down the Val Masox, forms a junction above Bellinzone. The valley is level, and laid waste by numerous torrents; the road runs along the sides of the hills through continued vineyards. We proceeded at the foot of the western chain of hills; a similar ridge bounds the view to the East, both clothed to their summits with woods of chesnut and walnut trees, half concealing frequent spires and numerous hamlets. Before us the view extended to a part of the Milanese over the lake of Locarno, or Lago Maggiore. Having reached its north-western extremity, we coasted its banks for two or three miles; and
arrived

arrived at the town from which it derives its name.

Locarno contains about 1500 inhabitants. Part of the town is built on piazzas in form of a crescent with two wings; in front is a row of trees, and the public walk; the old part of the town is dirty, and the streets narrow. It contains three convents, and a small Franciscan monastery, perched on a rock overhanging the valley, and commanding a superb view of the lake, and its magnificent boundaries. The canopy, in the church of the Capuchins, deserves to be mentioned for its beautiful execution; it is of straw-work, and almost rivals velvet and gold fringe.

Of the four transalpine bailliages which belong to the twelve cantons, Lugano holds the principal rank; Locarno * the second. The governor or commissary, as he is called, is sent in succession by all the cantons except Appenzel; he remains in office two years; in criminal affairs his decision is absolute, in civil an appeal lies to the annual syndicate from the regent cantons, and from thence to the Helvetic body assembled at the diet. The emoluments of this

* These two bailliages of Lugano and Locarno, together with those of Val Maggio, Mendricio, and Balerna, are formed into the canton or department of Lugano.

post are not great ; but the profits unfortunately depend too much on the virtue of the man, as they arise principally from fines exacted for criminal offences. The people enjoy some privileges, and hold an annual assembly in the month of January, in which they elect twenty counsellors ; twelve out of the town, three from Ascona, the remainder from the country at large. These counsellors have the charge of watching over the interests of the republic, as far as does not interfere with the superior powers, of settling the public expences, and of raising the supplies paid to the governor. These bailliages do not produce corn sufficient for their domestic consumption ; that grain is furnished by treaty from the duchy of Milan, and is weekly imported from Livino, a village on the opposite shore. The chief food of the peasants is a cake made with maize and millet ; the inhabitants on the banks of the lake are well supplied with fish.

The fisheries give employment to a great number of hands, although they are in some degree subject to monopolies. In the months of May and June, from 200 to 250 lb. weight are taken in a day ; trout of 40 lb. and perch of 9 lb. are found in the lake.

In 1555, the doctrines of the reformation had made considerable progress in these parts : but the

the Catholic cantons, at the general diet, obtained an edict, that those who refused to return to the ancient faith should quit the town and province. Numbers, thus driven from their native country, were received with open arms by the canton of Zurich, which was benefited by their industry, and owes to them the introduction of the silk manufactures.

Locarno was once situated on the lake, and had a port capable of receiving large barks : at present it stands at the distance of a quarter of a mile ; a circumstance owing to the accumulation of sand brought down by the torrent Maggia.

The little voyage from hence to Magadino is delightful ; we crossed the upper part of the lake in an hour ; the banks of this noble piece of water rise boldly, and are well wooded ; Locarno forms a fine object, to the south is the opening into the Val Maggia, terminated by mountains covered with eternal snow. The spot where we landed consists only of a few scattered houses, for the purpose of receiving the merchandise, which is put on shore and sent on horses to Bellinzone. Old Magadino is more inland, and owed its origin to the vicinity of the lake, the retiring of which has caused its ruin. From thence the road winds up the steep sides

of the mountain Cenero, through woods of walnut and chefnut trees, interspersed with oak and holly; on the summit of the passage is a small oval plain, the boundary of the baillages of Locarno and Lugano. Our descent lay between the hills, through luxuriant and verdant vallies, pcopled with numerous villages, and rich in every production. The vines, laden with fruit, are conducted in elegant festoons from tree to tree; a constant variety of scenery, softened by the glow of a setting sun, and next silvered by the moon glimmering on the distant lake, heightened the charms of our journey through this Elysian country.

The situation of Lugano is delightful; it is built round the curve of a bay, and backed by a fine succession of hills, rising in gentle swells to a considerable height; in front, a bold mountain clothed with forest projects into the lake, of which a noble branch extends to its right and left. To that spot boats of every size are continually passing and repassing, its base being perforated with *cantine*, or caverns, to which the inhabitants send their meat, and all sorts of provision, where it is kept untainted for seven or eight days, and the wine preserved with a delicious coolness. Enjoying the advantages of a southern climate, it has few of its inconveniences;



L. Allen sculp

(Landscape)

J. Smith del

niences: the heats are moderated by the surrounding hills and the cool breezes from the lake. It is no less sheltered from the Alpine blasts, which, chilled by the neighbouring snows, would otherwise descend with violence, and destroy the temperature of this equal climate. Olive, almond, and all the southern fruits, ripen here to perfection.

Lugano is the emporium of the greater part of the merchandise which passes from Italy over the St. Gothard, or the Bernardin. At the end of autumn, the Swiss mountaineers bring down numerous herds of cattle for sale, and return with less bulky commodities. The town contains about 8000 inhabitants; most of the houses are built of tuff-stone; the residence of the *capitano*, or governor, is a low building; on the walls are the arms of the twelve regent cantons. On an eminence above the town, stands the principal church, remarkable only for the beautiful carving in stone round the doors, and rose window, and for the delicious prospect from its terrace. In the cloisters of the Recollets is a capital picture attributed to Luvino; their church is handsome, and the skreen is ornamented with the painting of the Passion by the same master. The palace of the marquis de Riva contains a few good pictures.

We then embarked upon the lake of Lugano*, which is about twenty-five miles in length, and from two to four in breadth; its form is irregular, and bending into continued sinuosities. The town is a fine object, backed by the amphitheatre of hills; the banks on each side are bordered with a succession of gardens and villas. After visiting the noble branch pointing northward, we crossed to the Cantine, and continued our voyage under the precipitous rocks, whose bases are lost in the depths of the lake. We landed at Porto, a small village in the duchy of Milan, situated at its southern extremity.

From this point an arm of the lake bends northward, and discharges itself into the Lago Maggiore, by means of the river Trisa. It is scarcely possible to imagine a more perfect or greater variety of beauties than this noble piece of water affords; the vast overhanging woods, the bold precipices, the transparency of the water, unite to form a scenery in the highest degree luxuriant.

* The lake of Lugano is about 190 feet perpendicular higher than the lake of Como and Lago Maggiore. The two last-mentioned lakes are of the same level, and about 240 feet higher than the city of Milan. *Veri storia di Milan*, p. 5. *Abb. Frisi Dei Canali Navig. di Lombardia*. 4to. p. 465.

From

From Porto the traveller may observe, with satisfaction mingled with compassion, the strong contrast of a free and arbitrary government; the borders of the lake subject to Switzerland studded with a succession of villages, houses, and gardens; this part of the Milanese desolate, and almost unpeopled.

On leaving that village, the hills begin to diminish, and in the course of three miles are totally lost in the rich plain of Lombardy. Varese is entirely composed of the seats of the Milanese nobility. The principal palazzo is the residence of the duchess dowager of Modena; the gardens are laid out in the old taste, the artificial mount commands a fine view over a rich plain, a small lake, and bounded by the long chain of Alps. In the magnificent saloon are some tolerable portraits of the families of Modena and Austria. The emperor, as duke of Milan, has exerted himself in the suppression of convents; a rich Franciscan monastery has fallen a sacrifice to his plans of reformation.

The road from hence to Laveno, a small burgh on the Lago Maggiore, is varied, and the country very rich; to the right, on an eminence, is San Sacramento; to the left we passed near some lesser lakes. From Laveno we were rowed

across the delightful passage to Isola Bella, one of the famous enchanted islands so particularly described, and with such pleasure, by Bishop Burnet and Keyser, who compares it to “*a pyramid of sweetmeats, ornamented with green festoons and flowers.*” But as the taste of mankind alters with the succession of years, I considered it only as a monument of expence and folly; terrace rises above terrace in regular gradations, bordered with flower-pots, or gigantic statues of horses, gods, and goddesses; the whole is raised upon arches, and the soil has been brought from the shore to cover them. The palace is magnificent, and contains a profusion of marbles and paintings; the lower part of the house overhangs the lake on one side, where several apartments are furnished in the style of grottos; the floors, pillars, and walls, are inlaid with various-coloured stones, marbles, and shells; the view and the coolness united make this part a delicious summer retreat.

If any thing justly gives this island the appellation of enchanted, it is the prospect from the terrace. The gradual diminution of the mountains from the regions of eternal snow to the rich plain, the sinuosity of the lake, its varied banks, the bay of Marzozzo bounded by vast hills, the neighbouring burgh of Palanza, and more distant
view

view of Laveno, the numerous villages, the *Ifola Madre*, on which is a palace of the Borromean family, and another island sprinkled with fishermen's huts, form a delightful assemblage. These islands, and the whole western coast of the lake to the bailliage of Locarno, was ceded to the king of Sardinia, by the late empress queen, at the treaty of Worms, in consideration of the assistance which she received from that monarch.

We re-entered our boat, troubled by the importunities of the beggars, whose miserable huts adjoining to the palace disgrace the island. *Belgeritta* is a neat village, containing some excellent houses, and a handsome church. From thence we continued our voyage down the lake. The tract of country to our right, from near *Palanza* to ten miles south of *Arona*, pays a small contribution to the Borromean family for seignorial rights. That family receives a toll for the merchandize which passes, grants the privilege of fishing, and appoints eleven judges in the respective villages; but an appeal lies from their decision to a superior, nominated by the king of Sardinia, and resident at *Palanza*, and again to *Turin*. The riches of this opulent house are now increasing from the product of the gold mines, which lie amongst the most inaccessible parts of the mountains, thirty miles from

from Margozzo. Above Arona is a seminary for forty boys, founded by San Carlo Borromeo; near it his colossal statue, sixty feet in height, is placed on a pedestal of just proportions; he is represented in his cardinal's habit; the right hand extended, a book under the left arm. The statue is of bronze, was cast at Milan, and brought in separate pieces. San Carlo, nephew to Pope Pius the Fourth, was born near this spot; he passed with early credit through his studies, and the dignities of the church; was made a cardinal, and archbishop of Milan. His charity and pious exertions, during the plague which ravaged his diocese, the subject of so many fine pictures at Milan, insure him more general renown than his canonization in 1610.

Arona is a small town, with a neat port; above it rises a ruined castle, which, in the earlier part of the Milanese history, was a place of the utmost importance: at the period when the great contests arose between the families of Visconti and Torriani, this castle was the perpetual object of capture and reprisal. Otho Visconti, the archbishop, who at length gained the ascendancy, was twice repulsed and driven from hence. Two promontories project into the lake at this spot; the eastern is crowned with the
castle

castle of Anghiera, and gives name to this valuable province, which in 1397, to gratify Galeazzo, the second duke of Milan, was erected into a county by the emperor Wenceslaus, and has since been transferred to the king of Sardinia. On doubling the promontory of Arona, the lake again enlarges, and forms a bay; the banks are very low. Soon after entering the Tesino we landed at the dirty village of Sesto; hired another boat, and were hurried with great rapidity down that river, between high banks of gravel, to the commencement of the *Naviglio Grande*, the great canal which forms the junction between the Po and the Adda, calculated not less for conveying merchandise and wood to Milan, than for benefiting the neighbouring country with partial inundations, and for the purpose of laying the rice fields under water. Its breadth at first is great, but narrows as we advance, and the stream becomes almost a dead water *.

* According to the Abbé Frisi, the length of the Naviglio is 86,000 braccia, or 14 Italian miles (60 to a degree); its breadth at the entrance 70, which gradually diminishes to 20; and the perpendicular height of the fall of water is 53; at first 5 braccia per mile, gradually decreasing for the first twelve miles, until it is no more than one braccio in a mile; then increasing for the five next miles to a little more than five braccia in a mile.—See *Canal. Navig. di Lomb. C. 1.* A Milanese braccio is to an English foot nearly as 22 to 11.

If

If bad weather and other circumstances had not prevented me from extending my tour, I purposed visiting the bay of Margozzo, Domo d'Oscella, Varallo, and the gold mines in its neighbourhood; an excursion, which, from the reports I have heard, could not fail of affording the highest satisfaction to the naturalist, and the lover of nature in her great features.

FAUNULA HELVETICA:

OR,

A CATALOGUE

OF THE

Quadrupeds, Birds, Amphibia, Fishes, and
Testaceous Animals of SWITZERLAND.

Arranged and denominated according to the System of
LINNÆUS.

With References to PENNANT's British Zoology,
BRISSEAU's Works, and other Authors.

IN no part of Europe is the naturalist invited with attractions stronger than in Switzerland ; a country remarkably distinguished, by sublime alps, stupendous glaciers, beautiful mountains, vallies, and lakes, and affording a most comprehensive scope for variety, in the vegetable world, in the mineral kingdom, and in animal life ; nor have the ingenious and learned of this nation neglected to avail themselves of their peculiar situation. Let the genius of the Gesners, the names of Haller, of Saussure, and many others, bear testimony to this truth. But of the various branches of knowledge, Zoology seems to have made less progress among this ingenious people, than any other natural science, if compared with its advancement in several other parts of Europe ; since there is yet no complete *Fauna*, or description of the animals of this country. It is true, the writings of the indefatigable Conrad Gesner contain a great
6 number

number of valuable observations on the animals of Switzerland ; but so diffused throughout his works, that they are of little use to such as wish for a connected view of its animal productions. Neither can the scanty and vague accounts of Wagner gratify the accuracy of the modern zoologist.

The industry and ingenuity of several naturalists have been of late employed in accurate investigations of the respective parts of Switzerland regarding the animal kingdom, and their kindness has enabled me to lay before the English naturalist a *Faunula Helvetica*.

The reader is, however, originally indebted to Thomas Pennant, Esq. for this catalogue. That ingenious naturalist, having communicated to me a list of Swiss birds drawn from M. Sprungli's * much-admired cabinet, advised me to obtain from the collector himself an account of such additional birds as he had procured since 1776, the year in which Mr. Pennant visited Switzerland. I accordingly applied to M. Sprungli, who obligingly gave me an accurate catalogue of the Swiss birds and fishes, drawn up in the Linnæan method, illustrated with observations and remarks.

* Letter 58.

On returning from my travels, Mr. Pennant, at my request, favoured me with the English names of the birds, with references to the British Zoology, Linnæus, and Briffon, which are preserved in the following catalogue.

On a subsequent expedition to Switzerland in 1786, I endeavoured to obtain a catalogue of the quadrupeds and amphibia, for the purpose of forming a *Faunula Helvetica*, a great desideratum in the natural history of Switzerland.

From the Rev. M. Wytttenbach*, the same gentleman to whom I was already indebted for a description of the Alps and hills seen from Bern, I received a list of the quadrupeds and amphibia; and from M. Van Berchem†, of Lausanne, whom I have mentioned in my account of the bouquetin, a catalogue of the fishes found in the lake of Neuchatel, and of the amphibia, which agreed with those communicated by M. Wytttenbach.

To the obliging communication of M. Studer, minister of the great hospital at Bern, I owe the remaining part of this *Faunula*. As no marine species of shells could enter into this list, it will be an ample proof of the diligence and ingenuity of the collector, that his cabinet actually contains

* See Letter 59.

† Letter 41.

all the land and fresh water shells here enumerated ; among which are many totally unnoticed by former writers.

M. Studer, having collected all these species in the recent state, with a view to describe the animal, as well as its covering, was hence led to arrange them, not by the system of Linnæus, which is adapted rather to the shell than to the inhabitant, but by that of the late learned and indefatigable Muller, published under the following title : “ *Vermium terrestrium, et fluviatilium* “ *seu Animalium infusoriorum, Helminthicorum,* “ *et Testaceorum, non marinorum, succincta* “ *Historia. Auctore Oth. Frid. MULLER.* “ *Hauniæ & Lips. 1773. 4°.*” The French names he has taken from Geoffroy’s work “ on “ the Testaceous Animals of the Environs of “ Paris ;” the German, from the Berlin Magazine conducted by Dr. Martini, and from the works of Schroeter. To the new species he has himself given trivial names ; and proposes shortly to publish an ample description of his cabinet.

The *Faunula*, in the order in which it now stands, was arranged and digested by Dr. Pulteney, who collected the English names, and references to Linnæus, Pennant, Brissou, Gmelin, and Shaw, in the catalogues of the quadrupeds

and amphibia. He also subjoined to the list of birds several references and illustrations, in addition to those communicated by Mr. Pennant; and M. Sprungli, having reviewed the birds and fish since these additions, has expressed his entire approbation of them.

I cannot conclude without gratefully expressing my obligation to those gentlemen, who have thus enabled me to give the first connected, though brief, account of the Swiss zoology.

FAUNULA HELVETICA:

OR,

A CATALOGUE

OF THE

Quadrupeds, Birds, Amphibia, and Testaceous
Animals of SWITZERLAND;

Arranged and denominated according to the System
of LINNÆUS:

With References to Mr. PENNANT's British Zoology,
M. BRISSON's Works, GMELIN, SHAW,
and other Authors.

CLASS I.

MAMMALIA.

ORDO I. PRIMATES.

VESPERTILIO. *Lin. Syst. Natur.* Edit. xii. p. 47.

V. Auritus. *Lin.* 48. *Lin. Syst. Nat.* Edit. xiii. &
Gmelin. t. i. p. 47.

Oreillard. V. Minor. *Briss. Quad.* Ed. ii. p. 160.

LONG-EARED BAT. *Br. Zool.* N° 40. t. 13. *Shaw.*
Zool. v. i. 123.

V. Murinus. *Lin.* 48. *Gmel.* i. 48.

La Chauve Souris commune. V. Major. *Briss.* 158.

COMMON BAT. *Br. Zool.* N° 41. *Shaw.* i. 123.

V. Serotinus. *Gmel.* i. 48.

La Serotine. *Buffon.* 8. p. 129. t. 18.

The SEROTINE BAT. *Pen. Hist. Quad.* N° 408.
Shaw. i. 132.

V. Noctula. *Gmel.* i. 48.

La Noctule. *Buffon.* 8. p. 128. t. 18.

The NOCTULE BAT. *Br. Zool.* N° 38. t. 13. *Shaw.*
i. 130.

- V. *Pipistrellus*. *Gmel.* i. 48.
 La Pipistrelle. *Buffon.* 8. p. 129. t. 19. 2.
 THE PIPISTRELL BAT. *Hist. Quad.* N° 409. *Shaw.*
 i. 132.
- V. *Barbastellus*. *Gmel.* i. 48.
 La Barbastelle. *Buffon.* 8. p. 130. t. 19. 1.
 THE BARBESTELL BAT. *Hist. Quad.* N° 400.
Shaw. i. 133.
- V. *Ferrum equinum*. *Gmel.* i. 50.
 La Chave Souris fer à Cheval. *Buffon.* 8. p. 131.
Shaw. i. 131.
 HORSE-SHOE BAT. *Br. Zool.* N° 39.

ORDO III. FERÆ.

CANIS. *Lin.* p. 56.

- C. *Familiaris*. *Lin.* 56. *Gmel.* i. 65.
 Le Chien. C. domesticus. p. 160.
 FAITHFUL DOG. *Pennant. Brit. Zool.* N° 10.
Shaw. i. 273.
- C. *Lupus*. *Lin.* 58. *Gmel.* i. 70.
 Le Loup. L. Vulgaris. *Briff.* 170.
 The WOLF. *Br. Zool.* 8°, i. p. 75. t. 5. *Penn.*
Hist. Quad. N° 137. *Shaw.* i. 290.
 Not uncommon in the Vallais, but rare in the
 mountains of Gessenay. In the mountains of
 Savoy, and on the Jura.
- C. *Vulpes*. *Lin.* 59. *Gmel.* i. 73.
 Le Renard. V. Vulgaris. *Briff. Quad.* p. 173.
 The Fox. *Br. Zool.* N° 11. *Shaw.* i. 214.
- C. *Alopex*. *Lin.* 59. *Gmel.* i. 74.
 BLACK-TAILED FOX. *Br. Zool.* N° 139 a. *Shaw.*
 i. 321.

FELIS. *Lin.* 60.

- F. *Catus domesticus*. Le Chat domestique. *Briff.* 191.
 HOUSE CAT.
- Catus Sylvestris. *Lin.* 62. *Gmel.* i. 80.
 Le Chat Sauvage. F. Sylvestris. *Briff.* 192.
 WILD CAT. *Br. Zool.* N° 12. *Shaw.* i. 363.
 F. *Lynx*.

F. Lynx. *Lin.* 62. *Gmel.* i. 83.

Le Loup-Cervier. Lynx. *Briff.* 200.

The LYNX. *Hist. Quad.* N° 170. *Shaw.* i. 376.

On the mountains near the Alps, and in Faucigny. Often seen in the bailliage of Interlachen, and in the land of Hasli.

MUSTELA. *Lin.* 66.

M. Martes, gutture albo. *Lin.* 67. *Gmel.* i. 95.

La Fouine. Foyna. *Briff.* 178.

The MARTIN. *Br. Zool.* N° 15. *Shaw.* i. 409.

M. Martes, gutture flavo. *Lin.* 67. *Gmel.* i. 95.

La Marte. Martes. *Briff.* 179.

PINE MARTIN. *Br. Zool.* N° 16. t. 6. *Shaw.* i. 410.

M. Putorius. *Lin.* 67. *Gmel.* i. 96.

Le Potois. Putorius. *Briff.* 180.

The FITCHET. *Br. Zool.* N° 14. t. 6. *Shaw.* i. 415.

M. Furo. *Lin.* 68. *Gmel.* i. 97.

Le Furet. Viverra. *Briff.* 177.

The FERRET. *Hist. Quad.* N° 198. *Shaw.* i. 418.

M. Vulgaris. *Gmel.* i. 99.

La Belette. *Briff.* 175.

COMMON WEESEL. *Br. Zool.* N° 17. *Shaw.* i. 420.

M. Erminea. *Lin.* 68. *Gmel.* i. 98.

L'Ermine. Hermineum. *Briff.* 276.

The STOAT, or ERMINE. *Br. Zool.* N° 18. t. 7. *Shaw.* i. 426. Rare in Switzerland.

M. Lutra. *Lin.* 66. *Gmel.* i. 92.

L'Outre. Lutra. *Briff.* 201.

The OTTER. *Br. Zool.* N° 19. t. 8.

In the brooks and rivulets on the mountains; rarely in the plains.

URSUS. *Lin.* 69.

U. Arctos. *Lin.* 69. *Niger* α. *Gmel.* i. 100.

L'Ours. Urfus. *Briff.* 187.

BLACK BEAR. *Br. Zool.* i. p. 77. *Hist. Quad.* No. 174. *Shaw.* i. 450.

Sometimes seen, but rarely.

— — Fuscus ζ . *Gmel.* i. 100.

BROWN BEAR.

Not a native, but frequently strays from Burgundy into Switzerland.

— — Albus γ . *Gmel.* i. 100.

WHITE BEAR.—Rare.

U. Meles. *Lin.* 70. *Gmel.* i. 102.

Blaireau. Meles. *Briff.* 183.

BADGER. *Br. Zool.* N^o 85. t. 8. *Shaw.* i. 467.

TALPA. *Lin.* 73.

T. Europæa. *Lin.* 73. *Gmel.* i. 110.

La Taupe. T. Vulgaris. *Briff.* 204.

The MOLE. *Br. Zool.* N^o 34. *Shaw.* i. 515.

Alba. ζ . *Gmel.* i. 110.

Taupe blanche Talpa alba. *Briff.* 205.

WHITE MOLE.—Rare.

SOREX. *Lin.* 73.

S. Araneus. *Lin.* 74. *Gmel.* i. 114.

Mufaraigne. Musaraneus. *Briff.* 126.

COMMON SHREW. *Br. Zool.* N^o 32. *Shaw.* i. 527.

Common in the plains.

S. Fodiens. *Gmel.* i. 113.

Mufaraigne d'eau. Musaraneus aquaticus. *Briff.* 127.

WATER SHREW. *Br. Zool.* N^o 33.

Rare in Switzerland.

ERINACEUS. *Lin.* 75.

E. Europæus. *Lin.* 75. *Gmel.* i. 115.

L'Herisson. Erinaceus. *Briff.* 128.

The URCHIN, or HEDGE-HOG. *Br. Zool.* No. 35.

Shaw. i. 242.

ORDO IV. GLIRES.

LEPUS. *Lin.* 77.

L. Timidus. *Lin.* 77. *Gmel.* i. 160.

Le Lievre commun. Lepus. *Briff.* 94.

The

The COMMON HARE. *Br. Zool.* N° 20. *Shaw.* ii. 197. Very common.

L. Variabilis. *Gmel.* i. 161. *Lepus variabilis*, apice aurium atro, cauda concolore alba. *Pallas.* *Nov. Spec.* i.

VARYING, or ALPINE HARE. *Br. Zool.* N° 21. t. 8. *Hist. Quad.* N° 242. *Shaw.* ii. 201.

There is great reason to believe this to be a distinct species. Both are found on the mountains, but the White Hare never descends into the plains, keeping on the borders of the Glaciers and on the Alps; and the chasseurs in Switzerland assure us, as does Mr. Pennant, that it does not mix with the Common Hare, neither is the flesh so palatable as that of the common kind. *Mr. Wittenbach.*

CASTOR. *Lin.* 78.

C. Fiber. *Lin.* 78. *Gmel.* i. 124.

Le Castor, ou le Bievre. C. five Fiber. *Briff.* 90.

The BEAVER. *Br. Zool.* i. 8°. p. 96. *Hist. Quad.* N° 251. *Shaw.* ii. 30.

This animal was formerly found in the Aar, and in the lake of Brientz, but I believe it is now extinct in Switzerland.

MUS. *Lin.* 79.

Mus Marmota. *Lin.* 81. *Aretomys Marmota.* *Gmel.* i. 141.

Glis Marmota. *Wittenb.*

La Marmotte, Marmota Alpina. *Briff.* 117.

The MARMOT. *Hist. Quad.* N° 258. *Shaw.* ii. 115.

Common on the slopes of the Alps where grass is to be found. It makes a whistling or hissing noise on the approach of the chasseurs. The flesh is eaten, and the fat sold to the apothecaries, who make an ointment with it, which is in repute for burns.

M. Cricetus. *Lin.* 82. *Gmel.* i. 137.

Le Hamster. Marmota Argentoratensis. *Briff.* 117.

The HAMSTER RAT. *Hist. Quad.* N° 324. *Shaw.* ii. 95.

I have been informed that this species has been seen, though rarely, about the Aar, and in the canton of Bern.

- M. Rattus. *Lin.* 83. *Gmel.* i. 127.
 Le Rat commun. Rattus. *Briss.* 118.
 BLACK RAT. *Br. Zool.* N° 25. *Shaw.* ii. 52.
- M. Amphibius. *Lin.* 82. *Gmel.* i. 132.
 Le Rat d'Eau. M. Aquaticus. *Briss.* 124.
 WATER RAT. *Br. Zool.* N° 27. *Shaw.* ii. 73.
- M. Sylvaticus. *Lin.* 84. *Gmel.* i. 129.
 La Mulot. M. Agrorum. *Briss.* 123.
 FIELD MOUSE. *Br. Zool.* N° 28. *Shaw.* ii. 58.
 Very common, not in fields only, but in the woods.
- M. Musculus. *Lin.* 83. *Gmel.* i. 128.
 La Souris. Sorex. *Briss.* 119. *Shaw.* ii. 56.
 MOUSE. *Br. Zool.* N° 30.—Very common in houses.
- M. Terrestris. *Lin.* 82. Arvalis. *Gmel.* i. 134.
 Le Campagnol. M. Campestris Minor. *Briss.* 123.
 SHORT-TAILED MOUSE. *Br. Zool.* N° 31. *Shaw.* ii. 81.—Common.
- M. Œconomus. *Gmel.* i. 134. *Pallas.* Cauda subse-
 quiunciali, auriculis nudis, vellere molli, laten-
 tibus palmis subtetradaçtylis, corpore fusco.
 tab. 14. A. *Pallas.* *Pen. Hist.* Quad. N° 313.
Shaw. ii. 85.

This animal is known in the *Pais de Vaud* by the name of the *Mole*, and is common both on the mountains and the plains of that district. M. *Van Berchem* was the first who discovered it to be the *M. œconomus* of *Pallas*. It was also found, by M. *Amstein*, in the country of the Grisons.

SCIURUS. *Lin.* 86.

- S. Vulgaris. *Lin.* 86. *Gmel.* i. 145.
 L'Ecureuil. S. vulgaris. *Briss.* 104.
 COMMON SQUIRREL. *Br. Zool.* N° 23.

Two varieties are found in Switzerland; the common red squirrel with a white belly, and another

other black with a white belly. The latter is larger, and less frequent than the red squirrel.

MYOXUS. *Gmel.* 155.

M. Glis. *Lin.* 87.

Le Loir. Glis. *Briss.* 113.

FAT DORMOUSE. *Hist. Quad.* N° 287.

M. Avellanarius. *Mus avellanarius.* *Lin.* 83. *Gmel.* i. 156.

Muscardine. *M. avellanarum minor.* *Briss.* 115.

The DORMOUSE. *Br. Zool.* N° 24. *Shaw.* ii. 167.

M. Quercinus. *Mus quercinus.* *Lin.* 84. *Nitela.* *Gmel.* i. 156.

Le Lerot. Rat blanc. *M. Avellanarum major.* *Briss.* 114.

GARDEN DORMOUSE. *Hist. Quad.* N° 288. *Shaw.* ii. 164. This is very rare.

ORDO V. PECORA.

CERVUS. *Lin.* 92.

C. Elaphus. *Lin.* 93. *Gmel.* i. 176.

Le Cerf. Cervus. *Briss.* 58.

The STAG. *Br. Zool.* N° 6. *Shaw.* ii. 291.

This is rare in the Pais de Vaud, but more frequent in the plains and mountains of the German district of the canton of Bern.

C. Capreolus. *Lin.* 94. *Gmel.* i. 180.

Le Chevreuil. Capreolus. *Briss.* 61.

The ROE-BUCK. *Br. Zool.* N° 8. t. 4. *Shaw.* ii. 291.

On the lower parts of mount Jura, and elsewhere in the plains.

CAPRA. *Lin.* 94.

Antilope Rupicapra. *Pallas Miscell. Fasc.* 1. p. 7. & *Fasc.* 12. p. 12. *Gmel.* i. 182.

Capra Rupicapra. *Lin.* 95.

Le Chamois. Rupicapra. *Briss.* 41.

CHAMOIS ANTILOPE. *Hist. Quad.* N° 17. *Shaw.* ii. 361.

Only

Only on the highest Alps; descending in winter to the lower mountains.

- C. Hircus. *Lin.* 94. *Gmel.* i. 193.
 Le Bouc. Le Chevre domestique. Hircus et Capra domestica. *Briss.* 38.
 DOMESTIC GOAT. *Br. Zool.* N° 5. *Shaw.* ii. 369.
 There is a variety with four horns, found on the Alps in the canton of Bern.
- C. Ibex. *Lin.* p. 95. *Gmel.* i. 196.
 Le Bouc estain. Ibex. *Briss.* 29.
 WILD GOAT, IBEX GOAT. *Hist. Quad.* N° 13. *Shaw.* ii. 364.
 Extremely rare now in Switzerland.
- Bouquetin. *Buffon. Hist. Nat.* xii. p. 136. t. 13, 14.

ORDO VI. BELLUÆ.

EQUUS. *Lin.* 100.

- E. Caballus. *Lin.* 100. *Gmel.* i. 209.
 Le Cheval. Equus. *Briss.* 69. *Shaw.* ii. 419.
 The HORSE.
- E. Asinus. *Lin.* 100. *Gmel.* i. 211.
 L'Ane. Asinus. *Briss.* 70. *Shaw.* ii. 429.
 The ASS.
- Asinus Mulus C. *Lin.* 101.
 Le Mulet. Mulus. *Briss.* 71.
 The MULE. *Br. Zool.* N° 8.

SUS. *Lin.* 102.

- S. Scrofa. Aper. *Lin.* 102. *Gmel.* i. 217.
 Le Sanglier. Aper. *Briss.* 75.
 The WILD HOG. *Hist. Quad.* N° 61. *Shaw.* ii. 459.
 On mount Jura, and in the adjacent country.
- Scrofa. Sus. *Lin.* 102.
 Le Cochon domestique. Sus domesticus. *Briss.* 74.
 TAME HOG, *Br. Zool.* N° 9.

CLASS II.

AVES.

ORDO I. ACCIPITRES. RAPACIOUS.

VULTUR. *Lin.* 121. VULTURE.

Vultur Barbatus. *Lin.* 121. *Gmel.* i. 250.

Aureus. *Gesner. Av.* edit. 1620. p. 708.

V. barbu. *Brissou. 6. App.* p. 26.

BEARDED VULTURE. *Edwards. t.* 106.

This bird frequents the Pennine, Rhætian, and Tyrolese Alps. It is found also in Corsica, Sardinia, and probably in Barbary, as well as on mount Caucasus and in Dauria, or the south-eastern parts of Siberia. It connects the Vultures with the Eagles. In the form of the beak and of the body it resembles the Vulture, but differs from that genus in having the head, like that of the Eagles, covered with feathers. It is now so well defined, especially by M. Sprungli, that it can no longer be mistaken*. The German peasants of Switzerland name this bird, by way of eminence, the *Lammer-geyer*, and relate incredible tales of its size and voraciousness. The peasants of the French district frequently call it *Le Vautour Jaune*.

* See Letter 58.

FALCO.

FALCO. *Lin.* p. 124. FALCON.

- F. *Ossifragus*. *Lin.* 124. *Gmel.* i. 265.
 Le Grand Aigle de Mer. *Aquila ossifraga*. *Briss.*
 i. p. 437.
 SEA EAGLE. *Pen. Br. Zool.* N° 44. t. 17.
 Frequent about the lakes.
- F. *Chrysaëtos*. *Lin.* 125. *Gmel.* i. 256.
 L'Aigle doré. feu *Aq. aurea*. *Briss.* i. 431.
 GOLDEN EAGLE. *Pen. Br. Zool.* N° 42. t. 16.
 frontispiece.—On mount Jura.
- F. *Fulvus*. *Lin.* 125. *Gmel.* i. 256.
 L'Aigle. *Aquila*. *Briss.* i. 419.
 BLACK EAGLE. *Br. Zool.* N° 43.
 The peasants of Switzerland call this bird the
Lammer-geyer brun, to distinguish it from the
Vautour faune. Mr. Pennant informs us, on the
 authority of Mr. Oedman, that this bird is only
 the young of Linnaeus's *F. Melanætus*, p. 124.
 See *Supp. to Arctic Zoology*, p. 57.
- F. *Haliæetus*. *Lin.* 129. *Gmel.* i. 263.
 L'Aigle de Mer. feu *Aquila Marina*. *Briss.* i. 440.
 t. 34.
 The OSPREY. *Br. Zool.* N° 46. *Flor Scot.* 17. t. 1.
- F. *Pygargus*. *Lin.* 126. *Gmel.* i. 277.
 La Soubuse. Le Faucon à Collier. *Falco torquatus*.
Briss. i. 345.?
 RING-TAILED FALCON.—Very rare.
- F. *Milvus*. *Lin.* 126. *Gmel.* i. 261.
 Le Milan Royal. *Milvus regalis*. *Briss.* i. 414. t. 33.
 The KITE. *Br. Zool.* N° 53.
- F. *Subbuteo*. *Lin.* 127. *Gmel.* i. 283.
 Le Hobreau. *Dendrofalco*. *Briss.* i. 375.
 The HOBBY. *Br. Zool.* N° 61.
- F. *Buteo*. *Lin.* 127. *Gmel.* i. 265.
 La Buse. *Buteo*. *Briss.* i. 406.
 The BUZZARD. *Br. Zool.* N° 55. t. 25.
 Very common.

F. *Tin-*

- F. Tinnunculus. *Lin.* 127. *Gmel.* i. 277.
 La Creffèrelle. Tinnunculus. *Briff.* i. 393.
 The KESTRIL. *Br. Zool.* N° 60.
- F.*Lanarius. *Lin.* 129. *Gmel.* i. 276.
 Le Lanier. Lanarius. *Briff.* i. 363.
 The LANNER. *Br. Zool.* N° 51. t. 22.
- F. Apivorus. *Lin.* 130. *Gmel.* i. 267.
 La Boudrée. Buteo apivorus f. vescivorus. *Briff.* i. 410.
 HONEY BUZZARD. *Br. Zool.* N° 56.
- F. Palumbarius. *Lin.* 130. *Gmel.* i. 269.
 L'Autour. Astur. *Briff.* i. 317.
 GOSHAWK. *Br. Zool.* N° 52. t. 24.
- F. Nifus. *Lin.* 130. *Gmel.* i. 280.
 L'Epervier. Accipiter. *Briff.* i. 310.
 SPARROW-HAWK. *Br. Zool.* N° 62.
- F. Lithofalco. Le Faucon de Roche, ou Rochier.
Briff. i. 349. *Gmel.* i. 278.
 STONE FALCON. *Latham.* i. p. 92.
- F. Lagopus. *Gmel.* i. 260. Le Faucon a tete blanche.
Briff. i. 325. Var. C. et Le Faucon patu. F.
 pedibus pennatis. ejusd. 6. *App.* 22. t. 1.
 ROUGH-LEGGED FALCON. *Br. Zool. App.* 623. t. 1.?
- F. Rufus. *Gmel.* i. 266. Le Buzard roux. *Briff.* i. p. 404.
 HARPY FALCON. *Latham.* i. p. 51.
- F. Peregrinus. Le Faucon pelerin. *Briff.* i. 341.
Gmel. i. 272.
 PEREGRINE FALCON. *Br. Zool.* N° 48. t. 20.
- F. Æsalon. *Buffon.* *Gmel.* i. 284.
 L'Emerillon. *Briff.* i. 382.
 The MERLIN. *Br. Zool.* fol. xv.

STRIX. *Lin.* 131. OWL.

- S. Bubo. *Lin.* 131. *Gmel.* i. 286.
 Le Grand Duc. Bubo. *Briff.* i. 477.
 EAGLE OWL. *Br. Zool.* N° 64.
 Frequent among the rocks on the mountains.
- S. Otus. *Lin.* 132. *Gmel.* i. 288.
 Le Moyen Duc, ou le Hibou. *Asio.* *Briff.* i. 486.
 LONG-EARED HORN OWL. *Br. Zool.* N° 65. t. 30.
 S. Scops.

- S. Scops. *Lin.* 132. *Gmel.* i. 290.
 Le petit Duc. Scops. *Briff.* i. 495. t. 37. f. i.
 SCOPS, or LITTLE HORN OWL. *Latham.* i. p. 129.
- S. Aluco. *Lin.* 132. *Gmel.* i. 292.
 La Hulotte. Ulula. *Br. Zool.* i. 507.
 BROWN OWL? or ALUCO. *Latham.* i. p. 140.
- S. Flammea. *Lin.* 133. *Gmel.* i. 293.
 L'Effraie, ou la Fraifage. Le petit Chat-huant.
 Aluco. *Briff.* i. 503.
 WHITE OWL, or BARN OWL. *Br. Zool.* N° 67.
- S. Stridula. *Lin.* 133. *Gmel.* i. 294.
 Le Chat-huant. Strix. *Briff.* i. 500.
 TAWNY OWL. *Br. Zool.* N° 68.
- S. Ulula. *Lin.* 133. *Gmel.* i. 294.
 La Choutte, ou La grande Cheveche. Noctua
 Major. *Briff.* i. 511.
 BROWN OWL. *Br. Zool.* N° 69. t. 32.
- S. Passerina. *Lin.* 133. *Gmel.* i. 296.
 La Chevache. Noctua minor. *Briff.* i. 514.
 LITTLE OWL. *Br. Zool.* N° 70.

LANIUS. *Lin.* 134. SHRIKE.

- L. Excubitor. *Lin.* 134. *Gmel.* i. 300.
 La Pie-grieche grise. Lanius cinereus. *Briff.* 2. 141.
 GREAT SHRIKE. *Br. Zool.* N° 71. t. 33.
- L. Collurio. *Lin.* 136. *Gmel.* i. 300.
 L'Ecorcheur. Collurio. *Briff.* 2. 151.
 RED-BACKED SHRIKE. *Br. Zool.* N° 72.
- L. Rufus. La Pie Grieche rousse. *Briff.* 2. 147.
Gmel. i. 301.
 Eadem cum priori ex sententia *Linnaei.*
 WOOD-CHAT SHRIKE. *Br. Zool.* N° 73. *Latham.*
 i. p. 169.

ORDO II. PICÆ. PIES.

CORVUS. *Lin.* 155. CROW.

- C. Corax. *Lin.* 155. *Gmel.* i. 364.
 Le Corbeau. Corvus. *Briff.* 2. p. 8.
 The RAVEN. *Br. Zool.* N° 74.

C. Corone.

- C. Corone. *Lin.* 155. *Gmel.* i. 365.
 La Corneille. Cornix. *Briss.* 2. p. 12.
 CARRION CROW. *Br. Zool.* N° 75. t. 34.
- C. Frugilegus. *Lin.* 156. *Gmel.* i. 366.
 Le Freux. Le Corneille moisonneuse. Cornix
 frugilega. *Briss.* 2. p. 16.
 The Rook. *Br. Zool.* N° 76.
- C. Cornix. *Lin.* 156. *Gmel.* i. 366.
 La Corneille moutillé. Cornix cinerea. *Briss.* 2.
 p. 19.
 HOODED CROW. *Br. Zool.* N° 77. *Flor. Scot.* t. 2.
 Rarely seen, and only in winter.
- C. Monedula. *Lin.* 156. *Gmel.* i. 367.
 Le Choucas. Monedula f. Lupus. *Briss.* 2. p. 24.
 The JACKDAW. *Br. Zool.* N° 81.
- C. Glandarius. *Lin.* 156. *Gmel.* i. 368.
 Le Geay. Garrulus. *Briss.* 2. p. 47.
 The JAY. *Br. Zool.* N° 79.
- C. Caryocatactes. *Lin.* 157. *Gmel.* i. 370.
 Le Caffé-noix. Nucifraga. *Briss.* 2. p. 50. t. 5. f. 1.
 NUT-BREAKER. *Br. Zool.* 2. *App.* 531. t. 3.
 Common in the woods.
- C. Pica. *Lin.* 157. *Gmel.* i. 373.
 La Pie. Pica varia f. caudata. *Briss.* 2. p. 35.
 The MAGPIE. *Br. Zool.* N° 78.
- C. Pyrrhocorax. *Lin.* 158. *Gmel.* i. 376.
 Le Choucas des Alpes. Pyrrhocorax. *Briss.* 2.
 p. 30. t. 1. f. 2.
 ALPINE CROW. *Latham.* 1. 381.
 Frequent in the Alps.
- C. Graculus. *Lin.* 158. *Gmel.* i. 377.
 Le Coracias. Coracia. *Briss.* 2. p. 3. t. 1. f. 1.
 RED-LEGGED CROW. *Latham.* 1. p. 401. *Br. Zool.*
 N° 80. t. 35.
 In the Alps, but less frequent than the foregoing
 species.
- C. Eremita. *Lin.* 159. *Gmel.* i. 377.
 Le Coracias hupé. Coracia cristata. *Briss.* 2. p. 6.
 HERMIT CROW. *Latham.* 1. p. 403.

This bird is entirely unknown to M. Sprungli, though said to be a native of the Swiss mountains. He took great pains to discover it, but in vain; and suspects, after all, that if it does really exist, it is only a variety of the preceding.

CORACIAS. *Lin.* 159. ROLLER.

- C. Garrula. *Lin.* 159. *Gmel.* i. 378.
 Le Rollier. *Galgulus.* *Briss.* 2. p. 64. t. 5. f. 2.
 The ROLLER. *Br. Zool.* 2. *App.* p. 624. t. 2.
 Rare, and only seen in the summer season.

ORIOIUS. *Lin.* 160. ORIOLE.

- O. Galbula. *Lin.* 160. *Gmel.* i. 382.
 Le Lorient. Oriolus. *Briss.* 2. p. 320.
 The ORIOLE. *Br. Zool.* 2. *App.* p. 626. t. 4.
 Uncommon in Switzerland.

CUCULUS. *Lin.* 168. CUCKOW.

- C. Canorus. *Lin.* 168. *Gmel.* i. 409.
 Le Coucou. Cuculus. *Briss.* 4. p. 105.
 The CUCKOO. *Br. Zool.* N^o 82. t. 36.

JYNX. *Lin.* 172. WRYNECK.

- J. Torquilla. *Lin.* 172. *Gmel.* i. 423.
 Le Torcol. Torquilla. *Briss.* 4. p. 2. t. 1. f. 1.
 The WRY-NECK. *Br. Zool.* N^o 83. t. 36.

PICUS. *Lin.* 173. WOODPECKER.

- P. Martius. *Lin.* 173. *Gmel.* i. 424.
 Pic noir. Picus niger. *Briss.* 4. 21.
 BLACK WOODPECKER. *Pen. Arch. Zool.* p. 276.
Latham. 1. p. 552.

Common in the woods abounding in fir-trees.

- P. Viridis. *Lin.* 175. *Gmel.* i. 433.
 Pic verd. P. viridis. *Briss.* 4. p. 9.
 GREEN WOODPECKER. *Br. Zool.* N^o 84.
 P. Norwegicus. Canus. *Gmel.* i. 434.
 Le Pic verd de Norwege. *Briss.* 4. p. 19.
 Grey-headed green Woodpecker. *Edw.* t. 65.
 GREY-HEADED WOODPECKER. *Br. Zool.* p. 277.
Latham. 1. p. 583.—On the mountains.

P. Major.

P. Major. *Lin.* 176. *Gmel.* 436.
Le grand Pic varié. P. varius major. *Briss.* 4.
34.

GREAT SPOTTED WOODPECKER. *Br. Zool.* N° 85.

P. Medius. *Lin.* 176. *Gmel.* 436.
Le Pic varié. Picus varius. *Briss.* 4. 38.

MIDDLE SPOTTED WOODPECKER. *Br. Zool.* N° 86.
t. 37.

P. Minor. *Lin.* 176. *Gmel.* 437.
Le petit Pic varié. P. varius minor. *Briss.* 4. 41.
LEAST SPOTTED WOODPECKER. *Br. Zool.* N° 87.
t. 37.

P. Tridactylus. *Lin.* 177. *Gmel.* 439.
THREE-TOED WOODPECKER. *Edw.* t. 114. *Pen.*
Arch. Zool. p. 275. *Latham.* 1. p. 600.
Very common in the mountainous part of the
canton of Bern.

SITTA. *Lin.* 177. NUTHATCH.

S. Europæa. *Lin.* 177. *Gmel.* 440.
Le Torche-pot. Sitta, f. Picus cinereus. *Briss.* 3.
588. t. 28. f. 3.
The NUTHATCH. *Br. Zool.* N° 89. t. 38.

ALCEDO. *Lin.* p. 178. KINGFISHER.

A. Ispida. *Lin.* 178. *Gmel.* 448.
Le Martin Pêcheur. Ispida. *Briss.* 4. 471.
KINGFISHER. *Br. Zool.* N° 88. t. 38.
Frequent in Switzerland, particularly about fish-
ponds.

MEROPS. *Lin.* 182. BEE-EATER

M. Apiafter. *Lin.* 182. *Gmel.* 460.
Le Guaspier. Apiafter. *Briss.* 4. 532.
BEE-EATER. *Latham.* 1. p. 667.

CERTHIA. *Lin.* 184. CREEPER.

C. Familiaris. *Lin.* 184. *Gmel.* 469.
Le Grimpereau. Certhia. *Briss.* 3. 603.
The CREEPER. *Br. Zool.* N° 91. t. 39

C. Muraria. *Lin.* 184. *Gmel.* 473.

Le Grimpereau de muraille. C. muralis. *Briss.* 3. 607. t. 30. f. 1.

WALL-CREEPER. *Latham.* 1. 730. *Edw.* t. 361.

Common in summer on the mountains; in winter, about towns and villages.

UPUPA. *Lin.* 183. HOOPEE.

U. Epops. *Lin.* 183. *Gmel.* 466.

La Hupe, ou Puput. Upupa. *Briss.* 2. 455. t. 43. f. 1.

The HOOPEE. *Br. Zool.* N° 90. t. 39.

Common in the summer.

ORDO III. ANSERES. WEB-FOOTED.

ANAS. *Lin.* 194. DUCK.

A. Cygnus ferus. *Lin.* 194. *Gmel.* 501.

La Cygne sauvage. C. ferus. *Briss.* 6. 292. t. 28.

WILD SWAN. *Br. Zool.* N° 264.

Visits Switzerland only in very severe winters.

A. Anser ferus. *Lin.* 197. *Gmel.* 510.

L'oye Sauvage. Anser sylvestris. *Briss.* 6. 265.

GREY LAG GOOSE. *Br. Zool.* N° 266. *Latham.* 3. 459.

A. Clypeata. *Lin.* 200. *Gmel.* 518.

Le Souchet. A. Clypeata. *Briss.* 6. 329. t. 32. f. 1.

The SHOVELER. *Br. Zool.* N° 280.

A. Strepera. *Lin.* 200. *Gmel.* 520.

Le Chipau. A. Strepera. *Briss.* 6. 339. t. 33. f. 1.

The GOODWALL. *Br. Zool.* N° 288.

A. Clangula. *Lin.* 201. *Gmel.* 523.

Le Garrot. A. Clangula. *Briss.* 6. 416. t. 37. f. 2.

GOLDEN-EYE DUCK. *Br. Zool.* N° 276.

A. Acuta. *Lin.* 202. *Gmel.* 528.

Le Canard a longue queue. A. Longicauda *Briss.* 6. 369. t. 34. f. 1. 2.

PINTAIL DUCK. *Br. Zool.* N° 282.

- A. Ferina. *Lin.* p. 203. *Gmel.* 530.
 Le Millouin. Penelope. *Briff.* 6. 384. t. 33. f. 1.
 The POCHARD. *Br. Zool.* N° 284.
- A. Penelops. *Lin.* 202. *Gmel.* 527.
 Le Canard fifleur. A. fistularis. *Briff.* 6. 391.
 t. 35. f. 2.
 The WIGEON. *Br. Zool.* N° 286.
- A. Fistularis cristata. Rufina. *Gmel.* 541.
 Le Canard fifleur hupé. *Briff.* 6. 398. *Pl. Enlum.*
 N° 928.
 RED-CRESTED DUCK *Latham.* 3. 544.
- A. Querquedula. *Lin.* 203. *Gmel.* 531.
 La Sarcelle. Querquedula. *Briff.* 6. 427. t. 39.
 f. 1. 2.
 The GARGANEY. *Br. Zool.* N° 289. t. 101.
- A. Crecca. *Lin.* 204. *Gmel.* 532.
 La Petit Sarcelle. Querquedula Minor. *Briff.* 6.
 436. t. 40. f. 1.
 The TEAL. *Br. Zool.* N° 290.
- A. Boschas. *Lin.* 288. *Gmel.* 538.
 Le Canard Sauvage. A. fera. *Briff.* 6. 318.
 The MALLARD. *Br. Zool.* N° 274.
- A. Fuligula. *Lin.* 207. *Gmel.* 543.
 Le Petit Morillon. Glaucium Minus. *Briff.* 411.
 t. 37. f. 1.
 TUFTED DUCK. *Br. Zool.* N° 274.
- MERGUS. *Lin.* 207. MERGANSER.
- M. Merganser. *Lin.* 208. *Gmel.* 544.
 L'Harle. Merganser. *Briff.* 6. 231. t. 22.
 The GOOSEANDER. *Br. Zool.* N° 260 t. 92.
- M. Serrator. *Lin.* 208. *Gmel.* 546.
 L'Harle hupé. M. cristatus. *Briff.* 6. 237. t. 23.
 RED-BREASTED MERGANSER. *Br. Zool.* N° 261.
 t. 93.
- M. Castor. *Lin.* 209. *Gmel.* 545.
 Le Bievre, ou le Harle cendree. M. cinereus. *Briff.*
 6. 254. t. 25.
 DUN DIVER, variety A. *Latham.* 3. 421.

- M. Albellus. *Lin.* 209. *Gmel.* 547.
 La Piette, ou Le Petit Harle hupé. M. cristatus
 Minor. *Briff.* 6. 243. t. 24. f. 1. 2.
 The SMEW. *Br. Zool.* N° 262.
 The M. Minutus *Lin.* is the female Smew.

PFLECANUS. *Lin.* 215. PELECAN.

- P. *Onocratalus. *Lin.* 215. *Gmel.* 569.
 Le Pelican. Onocratalus. *Briff.* 6. 519.
 GREAT WHITE PELICAN. *Latham.* 3. 575. *Pen.*
Arct. Zool. p. 578. *Edw.* t. 92.
 This bird rarely visits Switzerland.
 P. Carbo. *Lin.* 216. *Gmel.* 573.
 Le Cormorant. Phalacrocorax. *Briff.* 6. 511. t. 45.
 The CORVORANT. *Br. Zool.* N° 291.
 P. *Graculus. *Lin.* 217. *Gmel.* 574.
 Le Petit Cormoran. Phalacrocorax Minor. *Briff.*
 6. 516.
 The SHAG. *Br. Zool.* N° 292. t. 102.

COLYMBUS. *Lin.* 220. DIVER.

- C. Immer. *Lin.* 222. *Gmel.* 588.
 Le Grand Plongeon. Mergus Major. *Briff.* 6. 105.
 t. 10. f. 1.
 The IMBER DIVER. *Br. Zool.* N° 238. t. 84.
 Sometimes seen in the winter season.
 C. Stellatus. *Gmel.* 587.
 Mergus Minor. Le Petit Plongeon. *Briff.* 6. 108.
 t. 10. f. 2.
 SPECKLED DIVER. *Br. Zool.* N° 239. *Latham.* 3.
 343.
 C. *Arcticus. *Lin.* 221. *Gmel.* 587.
 Le Plongeon à gorge noire. Mergus gutture nigro.
Briff. 6. 115.
 BLACK-THROATED DIVER. *Br. Zool.* N° 241.
 t. 85. *Latham.* 3. p. 341.—Very rare.
 C. Cristatus. *Lin.* 221. *Gmel.* 589.
 La Grebe cornue. Colymbus cornutus. *Briff.* 6.
 45. t. 5. f. 1.
 GREAT-CRESTED GREBE. *Br. Zool.* N° 223.
 C. Auritus

- C. Auritus α . *Lin.* 222. *Gmel.* 590.
 La Petite Grebe cornue. C. cornutus Minor.
Briss. 6. 50.
 EARED DOBCHICK. *Br. Zool.* N° 224. t. 79.
 Le Grebe d'Esclavonie. *Pl. Enlum.* t. 404. 2.
Latham. 3. p. 288.
 Auritus β . *Gmel.* 590. La Grebe a Oreilles.
 C. auritus. *Briss.* 6. 54
 EARED GREBE. *Latham.* 3. 285.
 This bird appears to be a different species from
 the *Auritus* α .
 Auritus γ . Minor. *Gmel.* 591. La Grebe de Ri-
 viere. C. fluviatilis. *Briss.* 6. 59.
 This bird has still more the appearance of a
 different species.
 C. Urinator. *Lin.* 223. *Gmel.* 593.
 La Grebe. Colymbus. *Briss.* 6. 34. t. 3. f. 1.
 TIPPET GREBE. *Br. Zool.* N° 222. t. 88.
 C. Rubricollis. *Gmel.* 592.
 Griseus. La Grebe à joues grises, ou le Jougris.
Buff. Ois. 8. 242. *Pl. Enlum.* 931.
 RED-NECKED GREBE. *Arct. Zool.* p. 499. C. *Suppl.*
 p. 69. *Latham.* 3. 288.
 C. Obscurus. *Gmel.* 592.
 Minor. La Petit Grebe. *Briss.* 6. p. 56.
 Grebion a yeux rouges, *Pl. Enlum.* 942.
 DUSKY GREBE. N° 225. *Latham.* 3. p. 286.

LARUS. *Lin.* 224. GULL.

- L. Hybernus. *Gmel.* 596.
 La Mouette d'Hiver. *Gavia hyberna*, *Briss.* 6.
 189.
 WINTER MEW. *Latham.* 3. 384.
 L. Canus. *Lin.* 224. *Gmel.* 596.
 La Mouette cendrée. *Gavia cinerea*. *Briss.* 6. 175.
 t. 16. f. 1.
 COMMON GULL. *Br. Zool.* N° 249. t. 89.

- L. Cinerarius. *Lin.* 224. *Gmel.* 597.
 La Petite Mouette cendrée. *Briss.* 6. 178. t. 17.
 f. 1.
 RED-LEGGED GULL. *Latham.* 3. p. 381. *Br.*
Zool. Variety. p. 542.
- L. Fuscus. *Lin.* 225. *Gmel.* 599.
 Le Goeland gris. L. griseus. *Briss.* 6. 162.
 HERRING GULL. *Br. Zool.* N° 246. t. 88.
- L. Atricilla. *Lin.* 225. *Gmel.* 600.
 La Mouette rieuse. *Gavia ridibunda.* *Briss.* 6. 192.
 t. 18. f. 1.
 LAUGHING GULL. *Catesby.* 1. t. 89. *Latham.* 3.
 383. *Pen. Arct. Zool.* p. 528.
- L. Parasiticus. *Lin.* 226. *Gmel.* 601.
 Le Stercoraire. *Stercorarius longicaudatus.* *Briss.*
 6. p. 155. & p. 150.
 ARCTIC GULL. *Latham.* 3. p. 389. *Br. Zool.*
 N° 245. t. 87 — This appears only in winter.
- L. Nævus. *Gmel.* 528.
 Varius, five Skua. Le Goiland varié, ou Le Grifard.
Briss. 6. 167. t. 15. bona*.
 WAGEL GULL. *Latham.* 3. 375. *Br. Zool.* N° 247.
- L. Cinereus minor, rectricibus albis, remigibus omni-
 bus cinereis, apice albis. L. cinereus minor, seu
 secundus. *Aldrovand.* iii. p. 35. An? *Larus canus.*

STERNA. *Lin.* 227. TERN.

- S. Hirundo. *Lin.* 227. *Gmel.* 606.
 La grande Hironde de mer. *Sterna major.* *Briss.*
 6. 203. t. 19. f. 1.
 GREAT TERN. *Br. Zool.* N° 254. t. 90.
- S. Fissipes. *Lin.* 228. *Gmel.* 610.
 L'Hirondelle de mer noire, ou Le Epouvantail.
 S. nigra. *Briss.* 6. 211. t. 20. f. 1.
 BLACK TERN. *Br. Zool.* N° 256.

* In the opinion of *Lewin*, this is only the young of
 the *Larus fuscus*; and the *Nævia* the young of the
Cantiaca.

S. Nævia. *Lin.* 228. *Gmel.* 609. & Cantiaca. *Gmel.* 606.?

L'Hirondelle de mer tachettée. S. nævia. *Briss.* 6. 216. t. 20. f. 2.

SANDWICH TERN. Variety A. *Latham.* p. 358?

ORDO IV. GRALLÆ. WADERS.

PLATALEA. *Lin.* 231. SPOONBILL.

P. Leucorodia. *Lin.* 231. *Gmel.* 613.

La Spatule. Platea. *Briss.* 5. 352.

SPOONBILL. *Br. Zool.* 2. *App.* 634. t. 9.

Now and then seen in the marshes.

ARDEA. *Lin.* 233. CRANE.

A. Grus. *Lin.* 234. *Gmel.* 620.

La Grue. Grus. *Briss.* 5. 374. t. 33.

The CRANE. *Br. Zool. App.* 629. t. 6.

Only seen in the spring in its migration.

A. Ciconia. *Lin.* 235. *Gmel.* 622.

La Cigogne Blanche. Ciconia alba. *Briss.* 5. 365. t. 32.

The STORK. *Latham.* 3. 47. *Pen. Arct. Zool.* p. 455.

Common in the marshes and low grounds.

A. Nigra. *Lin.* 235. *Gmel.* 623.

La Cigogne brune. Ciconia fusca. *Briss.* 5. 362. t. 31.

BLACK STORK. *Latham.* 3. p. 50. *Arct. Zool.* p. 456.

Less common than the foregoing.

A. Nycticorax. *Lin.* 235. *Gmel.* 624.

Le Bihoreau. Nycticorax. *Briss.* 5. 493. t. 39.

ASH-COLOURED CRANE, or NIGHT RAVEN, male
Latham. 352. *Arct. Zool.* p. 450.

A. Purpurea. *Lin.* 236. *Gmel.* 626.

Le Heron pourpre hupé. A. cristata purpurascens,
Briss. 5. t. 36. f. 2.

CRESTED PURPLE HERON. *Latham.* 3. p. 95.

- A. Major. *Lin.* 236. *Gmel.* 627. α.
 Le Heron hupé. *A. cristata.* *Briss.* 5. 396. t. 35.
 COMMON HERON, male. *Latham.* 3. 83. *Br. Zool.*
 N° 173. t. 61.
- A. Cinerea. *Lin.* 236. *Gmel.* 627. B.
 Le Heron. *Ardea.* *Briss.* 5. 392. t. 34. et Le
 Heron cendrée, p. 403.
 COMMON HERON, female. *Latham.* ib. *Br. Zool.*
 ib.—Very common in Switzerland.
- A. Garzetta. *Lin.* 237. *Gmel.* 628.
 L'Aigrette. *Egretta.* *Briss.* 5. 431.
 The LITTLE EGRET. *Br. Zool.* 2. *App.* p. 631.
 t. 7. *Latham.* 3. 90.
- A. Stellatis. *Lin.* 239. *Gmel.* 635.
 Le Butor. *Botaurus.* *Briss.* 5. 444. t. 37. f. 1.
 The BITTERN. *Br. Zool.* N° 174.
- A. Alba. *Lin.* 239. *Gmel.* 639.
 Le Heron blanc. *A. candida.* *Briss.* 5. 428.
 WHITE HERON. *Br. Zool.* N° 175.
 Very rarely seen.
- A. Minuta 6. *Lin.* 240. *Gmel.* 646.
 Le Blongios. *Ardeola.* *Briss.* 497. t. 40. f. 1.
 LITTLE BITTERN. *Br. Zool.* 2. *App.* 633. t. 8.
 Common.
- A. Grisea. *Lin.* 239. *Fœmina Nycticoracis.* *Gmel.*
 625.
 Le Heron gris. *A. grisea.* *Briss.* 5. 412. t. 36. f. 1.
 ASH-COLOURED CRANE, or NIGHT RAVEN, female.
Latham. 3. 53.
- A. Huppé de Mahon. *Pl. Enlum.* t. 348.
 MAHON HERON.
- TANTALUS. *Lin.* 240. IBIS.
- T. Falcinellas. *Lin.* 241. *Gmel.* 648.
 Le Courly verd. *Numenius viridis.* *Briss.* 5. 326.
 t. 37. f. 2.
 BAY IBIS. *Latham.* 3. 213. *Arch. Zool.* p. 460.
 A few of these birds are seen every year in Swit-
 zerland.

SCOLOPAX. *Lin.* 242. CURLEW.

- S. Arquata. *Lin.* 242. *Gmel.* 655.
 Le Courly. Numenius. *Briss.* 5. 311.
 The CURLEW. *Br. Zool.* N° 176. t. 63.
- S. Phæopus. *Lin.* 243. *Gmel.* 657.
 Demi Courly. Le Petit Courly, ou le Corlieu.
Briss. 5. 317. t. 37. f. 1. Numenius minor.
 The WHIMBRIL. *Br. Zool.* N° 177. t. 64.
- S. Rusticola. *Lin.* 243. *Gmel.* 660.
 La Beccasse. Scolopax. *Briss.* 5. 292.
 WOODCOCK. *Br. Zool.* N° 178. t. 65.
 It breeds in the Alpine mountains.
- S. Gallinago. *Lin.* 244. *Gmel.* 662.
 La Beccafine. Gallinago. *Briss.* 5. 298. t. 26. f. 1.
 COMMON SNIPE. *Br. Zool.* N° 187. t. 68.
- S. Gallinula. *Lin.* 244. *Gmel.* 662.
 La Petite Beccafine. Gallinago minor. *Briss.* 5.
 303. t. 26. f. 2.
 JACK SNIPE. *Br. Zool.* N° 189. t. 68.
- S. Glottis. *Lin.* 245. *Gmel.* 664.
 La grande Barge grise. Limosa grisea major. *Briss.*
 5. 273. t. 24. f. 2.
 GREEN SHANK. *Br. Zool.* N° 183.
- S. Limosa. *Lin.* 245. *Gmel.* 666.
 Le Barge. Limosa. *Briss.* 5. 262.
 LESSER GODWIT. *Br. Zool.* N° 182.
- S. Totanus. *Lin.* 245. *Gmel.* 655.
 La Barge grise. Limosa grisea. *Briss.* 5. 267.
 t. 23. f. 1.
 SPOTTED SNIPE. *Latham.* 3. 148. *Br. Zool.* N°
 186.
- S. Calidris. *Lin.* 245. *Gmel.* 664.
 Le Chevalier. Totanus. *Briss.* 5. 188. t. 17. f. 1.
 RED SHANK. *Br. Zool.* N° 184. t. 65.
- S. Fusca. *Lin.* 243? *Gmel.* 657.
 La Barge brune. Limosa fusca. *Briss.* 276. t. 23. f. 2.
 DUSKY SNIPE. *Latham.* 3. 155. *Arct. Zool.* p. 471?
 TRINGA.

TRINGA. *Lin.* 247. SANDPIPER.

- T. Pugnax. *Lin.* 247. *Gmel.* 669.
 Le Combattant, ou Paon de Mers. Pugnax. *Briff.*
 5. p. 240. t. 22. f. 1. 2.
 The RUFFE. *Br. Zool.* N° 192. t. 69.
- T. Vanellus. *Lin.* 248. *Gmel.* 670.
 Le Vanneau. Vanellus. *Briff.* 5. 94. t. 8. f. 1.
 The LAPWING. *Br. Zool.* N° 190.
- T. Interpres. *Lin.* 248. *Gmel.* 671.
 Le Coulon chaud. Arenaria. *Briff.* 5. 132.
 HEBRIDAL SANDPIPER. *Br. Zool.* N° 200. *Fl. Scot.*
 t. 3.
- T. Morinella. *Lin.* 249. *Gmel.* 671.
 Le Coulon-chaud cendré. Arenaria cinerea. *Briff.*
 5. 137. t. 11. f. 2.
 The TURNSTONE. *Br. Zool.* N° 199.
- T. Lobata. *Lin.* 249. *Gmel.* 674.
 Le Phalarope. Phalaropus. *Briff.* 6. p. 12.
 GREY PHALAROPE. *Latham.* 3. 272. *Br. Zool.*
 N° 218. t. 86.
- T. Alpina. *Lin.* 249. *Gmel.* 676.
 L'Alouette de Mer à Collier. Cinclus torquatus.
Briff. 5. 216. t. 19. f. 2.
 The DUNLIN. *Br. Zool.* N° 205. *Latham.* 3. 185.
- T. Cinclus. *Lin.* 251. *Gmel.* 680.
 L'Alouette de Mer. Cinclus. *Briff.* 5. 211. t. 19.
 f. 1.
 The PURRE. *Br. Zool.* N° 206. t. 71.
- T. Helvetica. *Lin.* 250. *Gmel.* 676.
 Le Vanneau de Suisse. Vanellus Helveticus. *Briff.*
 5. 106. t. 10. f. 1.
 SWISS SANDPIPER. *Arch. Zool.* p. 478.
 It is not common in Switzerland.
- T. Ocropus. *Lin.* 250. *Gmel.* 676.
 Le Beccafieu, ou Cul blanc. Tringa. *Briff.* 5.
 177. t. 16. f. 1.
 GREEN SANDPIPER. *Br. Zool.* N° 201.

T. Hypo-

- T. Hypoleuchos. *Lin.* 250. *Gmel.* 678.
 La Guignette. Guinetta. *Briss.* 5. 183. t. 16. f. 2.
 COMMON SANDPIPER. *Br. Zool.* N° 204.
- T. Arenaria. *Lin.* 251. *Gmel.* 680.
 La Petite Maubeche grise. *Calidris grisea minor.*
Briss. 5. 236. t. 20. f. 2.
 SANDERLING PLOVER. *Latham.* 3. p. 197. *Br.*
Zool. N° 212. t. 73.
- T. Calidris. *Lin.* 252. *Gmel.* 681.
 La Maubeche. *Calidris.* *Briss.* 5. 226. t. 20. f. 1.
 DUSKY SNIPE. *Latham.* 3. 174.
- T. Grisea. *Gmel.* 681.
Calidris grisea. La Maubeche grise. *Briss.* 5. 233.
 t. 21. f. 2. *Pl. Enlum.* 366.
 GRISLED SANDPIPER. *Latham.* 3. 175.
- T. Cinclus Minor. La Petite Alouette de Mer. A.
Briss. 3. 215.
 A variety of the T. Cinclus *Lin.* or Purre (*Br. Zool.*
 N° 206.) called in Switzerland GRILLET.
- T. Striata. *Lin.* 248. *Gmel.* 672.
 Le Chevalier rayé. *Totanus striatus.* *Briss.* 5. 196.
 t. 18. f. 1.
 STRIATED SANDPIPER. *Arch. Zool.* p. 472. *Latham.*
 3. 176.
- T. Squatarola. *Lin.* 252. *Gmel.* 682.
 Le Vanneau gris. *Vanellus griseus.* *Briss.* 5. 100.
 t. 9. f. 1.
 GREY PLOVER. *Br. Zool.* N° 191.

CHARADRIUS. *Lin.* 253. PLOVER.

- C. Hiaticula. *Lin.* 253. *Gmel.* 683.
 Le petit Pluvier à Collier. *Pluvialis torquata.* *Briss.*
 5. 63. t. 5. f. 2.
 RINGED PLOVER. *Br. Zool.* N° 211.
- C.* Morinellus. *Lin.* 254. *Gmel.* 686.
 Le Guinard. Morinellus. *Briss.* 5. 54. t. 4. f. 2.
 The DOTTEREL PLOVER. *Br. Zool.* N° 210. t. 73.
 C. Apri-

- C. Apricarius. *Lin.* 254. *Gmel.* 687.
 Le Pluvier doré a ventre noir. *Pluvialis aurea Freti*
Hudsonis. Briss. 5. 51.
 ALWARGRIM PLOVER. *Arct. Zool.* p. 483. *Latham.*
 3. p. 198. Spotted P. *Edw.* t. 140.
- C. *Pluvialis.* *Lin.* 254. *Gmel.* 688.
 Le Pluvier doré. P. aurea. *Briss.* 5. 43. t. 4. f. 1.
 GOLDEN PLOVER. *Br. Zool.* N° 208. t. 72.
- C. *Oedicnemus.* *Lin.* 255. *Gmel.* 689.
 Le grand Pluvier, ou Courly de Terre. *Pluvialis*
Major. Briss. 5. 77. t. 7. f. 1.
 THICK-KNEED BUSTARD. *Br. Zool.* N° 100.
- C. *Himantopus.* *Lin.* 255. *Gmel.* 690.
 L'Echasse. *Himantopus. Briss.* 5. 33. t. 3. f. 1.
 LONG-LEGGED PLOVER. *Br. Zool.* N° 209. *Fl.*
Scot. 35. t. 4.
 Rarely seen in Switzerland.
- C. *Cursorius Europæus.* *Lath. Index.* *Gallicus.*
Gmel. 292.
Pluvialis Morinellus flavescens. Ornithol. de Gerini
à Florence. t. 474. *Courvite. Pl. Enlum.* 795.
 CREAM-COLOURED PLOVER. *Latham.* 3. 217.
 Very rare,
- RECURVIROSTRA. *Lin.* 256. AVOSET.
- R. *Avocetta.* *Lin.* 256. *Gmel.* 693.
 L'Avocette. *Avocetta. Briss.* 6. 538. t. 47. f. 2.
 SCOOPING AVOSET. *Br. Zool.* N° 228. t. 80.
- HÆMATOPUS. *Lin.* 257. OYSTER-CATCHER.
- H. *Ostralegus.* *Lin.* 257. *Gmel.* 694.
 L'Huitrier, ou Pic marine. *Ostralega. Briss.* 5. 38.
 t. 3. f. 2.
 PIED OYSTER-CATCHER. *Br. Zool.* N° 213. t. 74.
- FULICA. *Lin.* 257. COOT.
- F. *Fusca.* *Lin.* 257. *Gmel.* 697.
 La Petite Poule d'Eau. *Gallinula Minor. Briss.* 6.
 p. 6.
 BROWN GALLINULE. *Latham.* 3. 260.
- F. *Atra.*

- F. Atr. *Lin.* 257. *Gmel.* 702.
 La Foulque, ou Morelle. *Briff.* 6. 23. t. 2. f. 1.
 COMMON COOT. *Br. Zool.* N° 220. t. 77.
- F.*Aterrima. *Lin.* 258. *Gmel.* 703.
 La grande Foulque, ou la Macroule. F. Major.
Briff. 3. 28. t. 2. f. 2.
 GREAT COOT. *Br. Zool.* N° 221.
- F. Chloropus. *Lin.* 258. *Gmel.* 698.
 La Poule d'Eau. Gallinula. *Briff.* 6. p. 3. t. 1.
 f. 1. 2.
 COMMON GALLINULE, or WATER HEN. *Br. Zool.*
 N° 217. t. 77.

RALLUS. *Lin.* 261. RAIL.

- R. Crex. *Lin.* 261. *Gmel.* 711.
 Le Roi de Caille. Rallus Genistarum. f. Ortygo-
 metra. *Briff.* 5. 159. t. 13. f. 2.
 The CRAKE GALLINULE. *Br. Zool.* N° 216. t. 85.
- R. Aquaticus. *Lin.* 262. *Gmel.* 712.
 Le Rosle d'Eau. Rallus aquaticus. *Briff.* 5. 151.
 t. 12. f. 2.
 WATER RAIL. *Br. Zool.* N° 214. t. 75.
- R. Porzana. *Lin.* 262. *Gmel.* 712.
 La Marouette. Rallus aquaticus minor. f. Maruetta.
Briff. 5. 155. f. 13. f. 2.
 SPOTTED GALLINULE. *Br. Zool.* N° 215.
- GLAREOLA. *Briff.* V. p. 141. Genus 73.

PRATINCOLE.

- G. Austriaca. *Gmel.* 695.
 La Perdrix de Mer. Glareola. *Briff.* 5. 141. t. 12.
 f. 1.
 Hirundo Pratincola. *Lin.* 345.
 AUSTRIAN PRATINCOLE. *Latham.* 3. p. 222. t. 85.

ORDO V. GALLINÆ. GALLINACEOUS.

OTIS. *Lin.* 264. BUSTARD.

- O. Tarda. *Lin.* 264. *Gmel.* 722.
 L'Outarde. Otis. *Briff.* 5. 18. *Edw.* t. 73. 74.
 GREAT BUSTARD. *Br. Zool.* N° 98. t. 44.
 Sometimes visits Switzerland in winter.

TETRAO. *Lin.* 273.

- T. Urogallus. *Lin.* 273. *Gmel.* 746.
 Le grand Coque de Bruyeres. Urogallus Major.
Briff. 1. 182.
 WOOD GROUS. *Br. Zool.* N° 92. t. 40. 41.
 T. Tetrix. *Lin.* 274. *Gmel.* 748.
 Le petit Coque de Bruyeres, a queue forchue. *Briff.*
 1. 186.
 BLACK GAME, or GROUS. *Br. Zool.* N° 93. t. 42.
 T. Lagopus. *Lin.* 274. *Gmel.* 749.
 Le Perdrix de Nieve. La Gelinotte blanche. Lago-
 pus. *Briff.* 1. 216.
 PTARMIGAN. *Br. Zool.* N° 95.
 T. Bonasia. *Lin.* 275. *Gmel.* 753.
 La Gelinotte. Bonasa. *Briff.* 1. 191.
 HASEL GROUS. *Latham.* 2. 744. *Arct. Zool.*
 p. 317.
 T. Lagopus δ. *Gmel.* 750.
 Attagen. La Gelinotte huppée. *Briff.* 1. 209.
 RED GROUS. *Latham.* 2. 746. *Br. Zool.* N° 94.
 T. Rufus α. *Lin.* 276. *Gmel.* 756.
 La Bartavelle. Perdix græca. *Briff.* 1. 241. t. 23.
 f. 1.
 GREEK PARTRIDGE. *Latham.* 2. 767.
 Frequent in alpine situations.

T. Rufus.

- T. Rufus B. *Gmel.* 756.
 Perdix rubra. La Perdrix rouge. *Briss.* 1. 236.
 GUERNSEY PARTRIDGE. *Latham.* 2. 768.
 An ? Varietas rufæ, quærit *Linnaeus.*
- T. Perdix. *Lin.* 276. *Gmel.* 757.
 Perdrix grise. Cinerea. *Briss.* 1. 219.
 COMMON PARTRIDGE. *Br. Zool.* N° 274.
- T. Coturnix. *Lin.* 278. *Gmel.* 765.
 La Caille. Coturnix. *Briss.* 1. 247.
 The QUAIL. *Br. Zool.* N° 97.

ORDO VI. PASSERES. PASSERINE.

COLUMBA. *Lin.* 279. PIGEON.

- C. Oenas. *Lin.* 279. *Gmel.* 769.
 Le Pigeon Sauvage. Oenas f. Vinago. *Briss.* 1. 86.
 COMMON WILD PIGEON. *Br. Zool.* N° 101. t. 45.
- C. Palumbus. *Lin.* 282. *Gmel.* 776.
 Le Pigeon ramier. Palumbus. *Briss.* 1. 89.
 RING DOVE. *Br. Zool.* N° 102.
- C. Turtur. *Lin.* 284. *Gmel.* 786.
 La Tourterelle. Turtur. *Briss.* 1. 92.
 TURTLE DOVE. *Latham.* 2. 644.

ALAUDA. *Lin.* 287. LARK.

- A. Arvensis. *Lin.* 287. *Gmel.* 791.
 L'Alouette. Alauda. *Briss.* 3. 335.
 SKY-LARK. *Br. Zool.* N° 136. t. 35.
- A. Pratensis. *Lin.* 287. *Gmel.* 792.
 L'Alouette de pres. Forlouse. A. Pratensis. *Briss.* 3.
 343.
 TIT-LARK. *Br. Zool.* N° 138.
- A. Arborea. *Lin.* 287. *Gmel.* 793.
 L'Alouette de Bois. A. arborea. *Briss.* 3. 340. t. 20.
 f. 1.
 WOOD-LARK. *Br. Zool.* N° 137.

A. Cam-

- A. *Campestris* *Lin.* 288. *Gmel.* 794.
 Alouette de Champs. A. *Campestris*. *Briss.* 3.
 349.
 MEADOW LARK. *Br. Zool.* N° 378.
- A. **Cristata*. *Lin.* 388. *Gmel.* 796.
 L'Alouette hupée, ou le Cochevis. A. *cristata*.
Briss. 3. 357.
 CRESTED LARK. *Latham.* 2. 389.
- A. *Trivialis*. *Lin.* 288. *Gmel.* 796.
 L'Alouette de Buisson. A. *sepiaria*. *Briss.* 3. 347.
 GRASSHOPPER LARK. *Br. Zool.* N° 156. huc
 spectat.
- A. *Curruca grisea nævia*. La Fauvette grise tachetée.
Briss. Suppl. 112. t. 5. f. 2. Eadem forte ac
 prior.
 Alauda minima Locustæ voce. Locustella. D. John-
 son. *Raii. Av.* p. 70. N° 7. *Latham.* 2. 429.

STURNUS. *Lin.* 230. STARLING.

- S. *Vulgaris*. *Lin.* 290. *Gmel.* 801.
 L'Etourneau. Sturnus. *Briss.* 2. 439.
 The STARLING. *Br. Zool.* N° 104. t. 46.
- S. *Cinclus*. *Lin.* 290. *Gmel.* 803.
 Le Merle d'eau, ou Merle aquatique. *Merula*
aquatica. *Briss.* 5. 252.
 WATER OUSEL. *Br. Zool.* N° 111.
 Very common.

TURDUS. *Lin.* 291. THRUSH.

- T. *Viscivorus*. *Lin.* 291. *Gmel.* 806.
 La grosse Grive. T. Major. *Briss.* 2. 200.
 MISSEL THRUSH. *Br. Zool.* N° 105.
- T. *Pilaris*. *Lin.* 291. *Gmel.* 807.
 La Litorne, ou Tourdelle. *Pilaris* s. *Turdula*. *Briss.*
 2. 214.
 The FIELD FARE. *Br. Zool.* N° 106.

T. *Iliacus*.

- T. Iliacus. *Lin.* 229. *Gmel.* 808.
 Le Mauvis. T. Iliacus. *Briff.* 2. 208. t. 20. f. 1.
 RED-WINGED THRUSH. *Br. Zool.* N° 108.
- T. Musicus. *Lin.* 292. *Gmel.* 809.
 La petite Grive. T. Minor. *Briff.* 2. 205.
 The THROSTLE. *Br. Zool.* N° 107.
- T. Saxatilis. *Lin.* 294. *Gmel.* 833.
 Le Merle de Roche, ou Moineau folitaire, of the
 Swifs. Briffon's bird is the fame with the
 Lanius infaustus. *Lin.* 138.
 ROCK SHRIKE. *Latham.* 1. 176.—Rare.
- T.*Roseus. *Lin.* 294. *Gmel.* 819.
 Merle couleur de Rose. *Merula rosea.* *Briff.* 2.
 250.
 ROSE-COLOURED OUSEL. *Latham.* 2. 50. *Br.*
Zool. 2. *App.* 627. t. 5.—Very rare.
- T. Merula. *Lin.* 295. *Gmel.* 831.
 Le Merle. *Merula.* *Briff.* 2. 227.
 BLACK BIRD. *Br. Zool.* N° 109. t. 47.
- T. Torquatus. *Lin.* 296. *Gmel.* 832.
 Le Merle à collier. *M. torquata.* *Briff.* 2. 235.
 RING OUSEL. *Br. Zool.* N° 100. t. 46.
 Common on the mountains.
- T.*Arundinaceus. *Lin.* 296. *Gmel.* 834.
 La Rouffierolle, ou Roucherolle. T. arundinaceus.
Briff. 2. 219. t. 22. f. 1.
 REED THRUSH. *Latham.* 2. 32.

AMPELIS. *Lin.* 297. CHATTERER.

- A. Garrulus. *Lin.* 297. *Gmel.* 838.
 Le Jaffeur de Boheme. *Bombicilla bohemica.*
Briff. 2. 333.
 WAXEN CHATTERER. *Br. Zool.* N° 112. t. 48.
 Very common at uncertain periods.

LOXIA. *Lin.* 299. GROSSBEAK.

- L. Curvirostra. *Lin.* 299. *Gmel.* 843.
 Le Bec croissé. Loxia. *Briss.* 3. 329. t. 17. f. 3.
 CROSS-BILLED GROSSBEAK. *Br. Zool.* N° 115.
 t. 49.
- L. Coccothraustes. *Lin.* 299. *Gmel.* 844.
 Le Grosbec. Coccothraustes. *Briss.* 3. 219.
 HAW GROSSBEAK. *Br. Zool.* N° 113.
- L. Pyrrhula. *Lin.* 300. *Gmel.* 846.
 Le Bouvreuil. Pyrrhula. *Briss.* 3. 308.
 The BULL-FINCH. *Br. Zool.* N° 116.
- L. Chloris. *Lin.* 304. *Gmel.* 854.
 Le Verdier. Chloris. *Briss.* 3. 190.
 GREEN GROSSBEAK. *Br. Zool.* N° 117.

EMBERIZA. *Lin.* 308. BUNTING.

- E. Miliaria. *Lin.* 308. *Gmel.* 868.
 Le Proyer. Cynchramus. *Briss.* 3. 292.
 COMMON BUNTING. *Br. Zool.* N° 118.
- E.*Hortulanus. *Lin.* 309. *Gmel.* 869.
 L'Ortolan. Hortulanus. *Briss.* 3. 269.
 The ORTOLAN. *Latham.* 2. 166. *Arct. Zool.* p. 367.
- E. Citrinella. *Lin.* 310. *Gmel.* 870.
 Le Bruant. Citrinella. *Briss.* 3. 258.
 YELLOW BUNTING. *Br. Zool.* N° 119. t. 50.
- E. Cia. *Lin.* 310. *Gmel.* 878.
 Le Bruant de pres. E. pratensis. *Briss.* 3. 266.
 MEADOW BUNTING, or FOOLISH BUNTING. *Latham.* 2. 191.
- E. Cirlus. *Lin.* 311. *Gmel.* 879.
 Le Bruant de Haye. E. sepiaria. *Briss.* 3. 263.
 CIRL BUNTING. *Latham.* 2. 190.
- E. Schoeniclus. *Lin.* 311. *Gmel.* 881.
 L'Ortolan de Roseaux. Hortulanus Arundinaceus.
Briss. 3. 274.
 REED BUNTING. *Br. Zool.* N° 120.

FRINGILLA. *Lin.* 317. CHAFFINCH.

- F. Cœlebs. *Lin.* 318. *Gmel.* 901.
 Le Pinçon. Fringilla. *Briss.* 3. 148.
 COMMON CHAFFINCH. *Br. Zool.* N° 125.
- F. Montefringilla. *Lin.* 318. *Gmel.* 902.
 Le Pinçon d'Ardenne. Montifringilla. *Briss.* 3.
 155.
 The BRAMBLING. *Br. Zool.* N° 126.
- F. Carduelis. *Lin.* 318. *Gmel.* 903.
 Le Chardonneret. Carduelis. *Briss.* 3. 53.
 The GOLDFINCH. *Br. Zool.* N° 124.
- F. Serinus. *Lin.* 320. *Gmel.* 908.
 Le Serin. Serinus. *Briss.* 3. 179.
 The SERIN FINCH. *Latham.* 2. 296.
- F. Citrinella. *Lin.* 320. *Gmel.* 908.
 Le Serin d'Italie. Serinus Italicus. *Briss.* 3. 182.
 The CITRIL FINCH. *Latham.* 2. 297.
 Common in Switzerland.
- F. Spinus. *Lin.* 322. *Gmel.* 914.
 Le Tarin. Ligurinus. *Briss.* 3. 65.
 The SISKIN. *Br. Zool.* N° 129. t. 53.
- F. Cannabina. *Lin.* 322. *Gmel.* 916.
 La grande Linotte de Vignes. Linaria rubra major.
Briss. 3. 135.
 RED-HEADED LINNET. *Br. Zool.* N° 131. t. 54.
- F. Linota. *Gmel.* 916.
 Linaria. La Linotte. Linaria. *Briss.* 3. 131.
 The LINNET. *Br. Zool.* N° 130. *Latham.* 2.
 p. 302.
- F. Linaria. *Lin.* 320. *Gmel.* 917.
 La petite Linotte de Vignes. L. rubra minor.
Briss. 3. 138.
 LESSER RED-HEADED LINNET, or RED-POLE.
Br. Zool. N° 132. t. 54.

F.*Montium. *Gmel.* 917.

Linaria minima. Le Cabaret. *Briss.* 3. 142.

The TWITE. *Latham.* 2. 307. *Br. Zool.* N° 133?

F. Petronia. *Lin.* 322. *Gmel.* 919.

Le Moineau de Bois. *Passer sylvestris.* *Briss.* 3. 88.
t. 5. f. 1.

RING SPARROW. *Latham.* 2. 254.

F. Montana. *Lin.* 324. *Gmel.* 925.

Le Moineau de Montagne. *Passer Montanus.* *Briss.*
3. 79.

TREE SPARROW. *Br. Zool.* N° 128. t. 52.

F. Domestica. *Lin.* 323. *Gmel.* 925.

Le Moineau. *P. domesticus.* *Briss.* 3. 72.

The HOUSE SPARROW. *Br. Zool.* N° 127. t. 51.

F. Nivalis. *Lin.* 321. *Gmel.* 911.

La Niverolle. *Passer nivalis.* *Briss.* 3. 162. t. 15.
f. 2.

SNOW FINCH. *Latham.* 2. 264.

MUSCICAPA. *Lin.* 324. FLY-CATCHER.

M. Atricapilla. *Lin.* 326. *Gmel.* 935.

La Gobe-mouche noir. *M. nigra.* *Briss.* 2. 381.

PIED FLY-CATCHER. *Br. Zool.* N° 135.

Very common.

MOTACILLA. *Lin.* 328. WARBLER.

M. Luscinia. *Lin.* 328. *Gmel.* 950.

Le Rossignol. *Luscinia.* *Briss.* 3. 397.

The NIGHTINGALE. *Br. Zool.* N° 145.

M. Modularis. *Lin.* 329. *Gmel.* 952.

La Fauvette de Haye, ou Passe-buse. *Curruca
sepiaria.* *Briss.* 3. 394.

HEDGE SPARROW. *Br. Zool.* N° 150.

M. Curruca.

- M. Curruca. *Lin.* 329. *Gmel.* 954.
 La Fauvette babillarde. Curruca Garrula. *Briff.* 3. 384.
 BABBLING WARBLER. *Latham.* 2. 417.
- M. Hippolais. *Lin.* 330. *Gmel.* 955.
 La Fauvette. Curruca. *Briff.* 3. 372.
 PETTY-CHAPS. *Br. Zool.* N° 149.
- M. Salicaria. *Lin.* 330. *Gmel.* 955.
 La Fauvette de Roseaux. Curruca Arundinacea. *Briff.* 3. 378.
 SEDGE BIRD. *Br. Zool.* N° 155. t. 52.
- M. Sylvia. *Lin.* 330. *Gmel.* 956.
 La Fauvette grise, ou la Grifette. Curruca cinerea f. cineraria. *Briff.* 3. 376.
 WHITE THROAT. *Br. Zool.* N° 160. *Latham.* 2. 428.
- M. Alpina. *Gmel.* 957.
 La Fauvette des Alpes. *Buffon. Pl. Enlum.* 668. f. 2.
 ALPINE WARBLER. *Latham.* 2. 434.
 Frequent on the higher mountains, and alpine situations.
- M. Alba. *Lin.* 331. *Gmel.* 960.
 La Lavandiêre. Motacilla. *Briff.* 3. 461.
 WHITE WAGTAIL. *Br. Zool.* N° 142. t. 55.
- M. Flava. *Lin.* 331. *Gmel.* 963.
 La Bergeronette du Printems. M. Verna. *Briff.* 3. 468.
 YELLOW WAGTAIL. *Br. Zool.* N° 143. t. 55.
- M. Boarula. *Lin. Mant.* p. 527. *Gmel.* 997.
 La Bergeronette jaune. M. flava. *Briff.* 3. 471. t. 23. f. 3.
 GREY WAGTAIL. *Br. Zool.* N° 144.
- M. Cinerea. *Gmel.* 961.
 La Bergeronette grise. *Briff.* 3. 465. t. 25. f. 1.
 CINEREOUS WARBLER. *Latham.* 2. 397.
- M. Oenanthe. *Lin.* 332. *Gmel.* 966.
 Le Cul Blanc, ou Vitrec. Vitiflora. *Briff.* 3. 449.
 WHEAT EAR. *Br. Zool.* N° 157.

- M. Rubetra. *Lin.* 332. *Gmel.* 967.
 Le grand Traquet, ou le Tarrier. Rubetra major.
 f. Rubicola. *Briss.* 3. 432. t. 24. f. 1.
 WHIN-CHAT. *Br. Zool.* N° 158.
- M. Rubicola. *Lin.* 332. *Gmel.* 969.
 Le Traquet. Rubetra. *Briss.* 3. 428. t. 23. f. 1.
 STONE-CHATTER. *Br. Zool.* N° 159.
- M. Atricapilla. *Lin.* 332. *Gmel.* 970.
 La Fauvette à tête noir. Atricapilla. *Briss.* 3. 380.
 BLACK-CAP. *Br. Zool.* N° 148.
- M. Phænicurus. *Lin.* 335. *Gmel.* 987.
 Le Rossignol de Muraille. Rutacilla. *Briss.* 3. 403.
 RED-START. *Br. Zool.* N° 146.
- M. Erithacus. *Lin.* 335. *Gmel.* 988.
 Le Rouge queue. Phænicurus. *Briss.* 3. 413.
 RED-TAILED WARBLER. *Latham.* 2. 425.
- M. Suecica. *Lin.* 336. *Gmel.* 989.
 La Gorge bleue. Cyanecula. *Briss.* 3. 413.
 BLUE-THROATED WARBLER. *Latham.* 2. 444.
Arch. Zool. p. 417.
- M. Rubecula. *Lin.* 337. *Gmel.* 993.
 La Rouge-gorge. Rubecula. *Briss.* 3. 418.
 RED-BREAST. *Br. Zool.* N° 147.
- M. Troglodytes. *Lin.* 337. *Gmel.* 993.
 Le Roitelet. Regulus. *Briss.* 3. 428.
 The WREN. *Br. Zool.* N° 154.
- M. Regulus. *Lin.* 338. *Gmel.* 995.
 Le Poul, ou Soucy. Calendula. *Briss.* 3. 579.
 GOLDEN-CRESTED WREN. *Br. Zool.* N° 153.
- M. Trochilus. *Lin.* 338. *Gmel.* 995.
 Le Pouillot, ou Chantre. Afilus. *Briss.* 3. 479.
 YELLOW WREN. *Br. Zool.* N° 151.
 6. Le grand Pouillot. *Briss.* 3. 482. A. *Latham.* 2.
 514.
- PARUS. *Lin.* 340. TITMOUSE.
- P. Cristatus. *Lin.* 340. *Gmel.* 1005.
 Le Mésange hupé. P. cristatus. *Briss.* 3. 558.
 CRESTED TITMOUSE. *Latham.* 2. 545. *Arch.*
Zool. p. 427.
- P. Major.

- P. Major. *Lin.* 341. *Gmel.* 1006.
 La grosse Mésange, ou La Charbonniere. *Fringil-*
lago. *Briff.* 3. 539.
 GREAT TITMOUSE. *Br. Zool.* N° 162. t. 57.
- P. Cæruleus. *Lin.* 341. *Gmel.* 1008.
 La Mésange bleue. P. cæruleus. *Briff.* 3. 544.
 BLUE TITMOUSE. *Br. Zool.* N° 163. t. 57.
- P. Ater. *Lin.* 341. *Gmel.* 1009.
 La Mésange à tête noir. P. atricapillus. *Briff.* 3. 551.
 COLEMOUSE. *Br. Zool.* N° 164. t. 57.
- P. Palustris. *Lin.* 341. *Gmel.* 1009.
 La Mésange de Marais, ou La Nonette cendrée.
 P. palustris. *Briff.* 3. 555.
 BLACK-CAP, or MARSH TITMOUSE. *Br. Zool.*
 N° 165. t. 57.
- P. Caudatus. *Lin.* 341. *Gmel.* 1010.
 La Mésange à longue queue. P. longicaudatus.
Briff. 3. 570.
 LONG-TAILED TITMOUSE. *Br. Zool.* N° 166.
- P. *Biarmicus. *Lin.* 342. *Gmel.* 1011.
 La Mésange barbue, ou Le Moustache. P. barbatus.
Briff. 3. 567.

HIRUNDO. *Lin.* 343. SWALLOW.

- H. Rustica. *Lin.* 343. *Gmel.* 1015.
 Le Hirondelle de Cheminée. H. domestica. *Briff.* 2.
 486.
 CHIMNEY SWALLOW. *Br. Zool.* N° 168. t. 58.
- H. Urbica. *Lin.* 344. *Gmel.* 1017.
 Le Martinet à cul blanc. H. minor, f. rustica.
Briff. 2. 490.
 The MARTIN. *Br. Zool.* N° 169.
- H. Riparia. *Lin.* 344. *Gmel.* 1019.
 L'Hirondelle de Rivage. H. riparia, five Drepanis.
Briff. 2. 506.
 SAND MARTIN. *Br. Zool.* N° 170.

H. Apus. *Lin.* 344. *Gmel.* 1020.

Le Martinet. H. Apos. *Briss.* 2. 512.

The SWIFT. *Br. Zool.* N° 171. t. 58.

H. Melba. *Lin.* 345. *Gmel.* 1023.

La grande Hironnelle d'Espagne. H. major Hispanica. *Briss.* 2. 504.

WHITE-BELLIED SWIFT. *Latham.* 2. 586. *Edw.* t. 27.

CAPRIMULGUS. *Lin.* 346. GOATSUCKER.

C. Europæus. *Lin.* 346. *Gmel.* 1027.

La tete-chevre, ou Crapaud volant. Caprimulgus. *Briss.* 2. 470. t. 44.

NOCTURNAL GOAT-SUCKER. *Br. Zool.* N° 170. t. 59.

CLASS III.

A M P H I B I A.

ORDO I. REPTILES.

RANA. *Lin.* 354.

- R. Bufo. *Lin.* 354. *Gmel.* 1047.
 Rubeta five Phrymum. *Gef. aquat.* p. 807. Le
 Crapaud.
 The TOAD. *Br. Zool.* 3. N° 4.
- R. Rubeta. *Lin.* 355. *Gmel.* 1047.
 NATTER JACK. *Br. Zool.* 3. N° 5.
- R. Bombina. *Lin.* 355. *Gmel.* 1048.
 BLACK-BACKED FROG.
- R. Temporaria. *Lin.* 357. *Gmel.* 1053.
 Aquatica innoxia. *Gef. quad. ovip.* p. 46. *aquat.*
 p. 805.
 COMMON FROG. *Br. Zool.* 3. N° 2.
- R. Verrucosa. Dorso subangulato, palmis tetradac-
 tylis fissis, plantis hexadactylis palmatis tuber-
 culatis. *Nova Species.*
 It very much resembles the foregoing. It was
 discovered in the *Pais de Vaud* by Count Razo-
 mofsky, who will describe it particularly in his
Histoire Naturelle de Jorat: a work which will
 very soon appear.
- R. Esculenta. *Lin.* 357. *Gmel.* 1053.
 Rana five Rubeta gibbosa. *Gef. Quad. ovip.* p. 63.
aquat. 4. 5. p. 809.
 EDIBLE FROG. *Br. Zool.* N° 3.

R. Arborea.

R. Arborea. *Lin.* 357. *Gmel.* 1054.

Ranunculus viridis. f. Rana Calamite aut Dryopeta. *Ges. Quad. ovip.* 60. *aquat.* 800.

TREE FROG. *La Raine Grenouille de St. Martin.*

LACERTA. *Lin.* 359.

L. Agilis. *Lin.* 363. *Gmel.* 1070. *Le Sauteur.*
The EFT, or SWIFT.

L. Varia. Cauda verticillata longa, subter lutea, supra viridi cinerea, ex nigro, albo, cæruleoque varia. *Nova.*

Nearly allied to the *agilis*, and will be described also in the above-mentioned work by Count Razomoffsky.

L. Vulgaris. *Lin.* 370. *Gmel.* 1076.

Lacerta vulgaris. *Raii Quad.* 264.

Salamandre de Terre. Brown Lizard. *Br. Zool.*

3. N° 9.

The NEWT.

L. Aquatica. *Lin.* 370. *Gmel.* 1066.

Lacertus Aquaticus. *Ges. ovip.* 31.

Salamandre d'Eau.

L. Palustris. *Lin.* 370. *Gmel.* 1065.

Salamandra aquatica. *Raii Quad.* 273.

The WATER EFT, or NEWT.

L. Salamandra. *Lin.* 371. *Gmel.* 1066.

Salamandra. *Ges. Quad. ovip.* 80.

Salamandre fluvine.

ORDO II. SERPENTES.

COLUBER. *Lin.* 375.

- C. Berus. *Lin.* 377. *Gmel.* 1090.
 Vipera. *Gesn. Serp.* p. 124. *Raii Quad.* 285.
La Vipere ordinaire.
 The VIPER. *Br. Zool.* 3. N^o 12. t. 4.
- C. Natrix. *Lin.* 380. *Gmel.* 1100.
 Natrix torquata. *Gesn. Serp.* 110. *Raii Quad.*
 289.
Couleuvre à Collier.
 The SNAKE. *Br. Zool.* 3. N^o 13. t. 4.

ANGUIS. *Lin.* 390.

- A. Fragilis. *Lin.* 392. *Gmel.* 1122.
 Cæcilia f. Typhlops. *Gesn. Serp.* 60. *Raii Quad.*
 p. 334.
Orvert.
 The BLINDWORM. *Br. Zool.* 3. N^o 36. t. 4.

ORDO III. NANTES.

PETROMYZON. *Lin.* 394. LAMPREY.

- P. Marinus. *Lin.* 394. *Gmel.* 1513. Lampret
 Meerneurauge.
 Lampetra. *Raii Pisc.* p. 35.
 SEA LAMPREY. *Br. Zool.* vol. 3. N^o 27. t. 8.
 Comes up the Rhine as high as Basle ; sometimes
 higher, but not frequently.
- P. Fluviatilis. *Lin.* 394. *Gmel.* 1514. Das Neu-
 nauge. Ger. Perce Pierre. Lamprillon. Fr.
 Lampetræ medium Genus. *Ray.* p. 35.
 LESSER LAMPREY. *Br. Zool.* N^o 28. t. 8.
 Sometimes caught in the Rhine. In the lake of
 Neuchatel. Mr. Van Berchem.

P. Bran-

P. Branchialis *Lin.* 394. *Gmel.* 1515. *Der Querder.*
Lampetra parva et fluviatilis. *Ray.* 35.

PRIDE LAMPREY. *Br. Zool.* N° 29. t. 8.

In rivers and brooks not infrequently.

ACIPENSER. *Lin.* 403. STURGEON.

A. Sturio. *Lin.* 403. *Gmel.* 1483. *Der Stoer.*
Sturio. *Ray.* 112.

The STURGEON. *Br. Zool.* N° 53. t. 19.

It has sometimes reached up the Rhine as high
as Basle, but rarely.

CLASS IV.

P I S C E S.

ORDO I. APODES. APODAL.

MURÆNA. *Lin.* 425. EEL.

M. Anguilla. *Lin.* 426. *Gmel.* 1133. *Der Aal.*
 Ger. L'Anguille. *Fr.* *Bloch. Ichthyolog.* fol.
 edit. iii. p. 3. t. 73.

Anguilla. *Ray.* 37.The EEL. *Br. Zool.* N° 63.

Common in almost all the lakes. In the lake of
 Neuchatel. Mr. V. Berchem.

ORDO II. JUGULARES. JUGULAR.

GADUS. *Lin.* 435. CODFISH.

G. Lota. *Lin.* 440. *Gmel.* 1172. *Die Quappe.*
Treischen. Aalraupe. Ger. Lotte. *Fr.*

Mustela fluviatilis. *Ray.* 67.

The BURBOT. *Br. Zool.* N° 86. *Bloch.* ii. 178.
 t. 70.

Very common in the lakes, and sometimes grows
 to the weight of eighteen pounds. Lake of Neu-
 chatel.

ORDO III. THORACICI. THORACIC.

COTTUS. *Lin.* 451. BULL-HEAD.

C. Gobio. *Lin.* 452. *Gmel.* 1211. *Der Kaulkopf*
Gropp. Ger. Chaffot. *Fr.*

Gobius fluviatilis. *Ray.* 76. *Bloch.* ii. 11. t. 39.RIVER BULL-HEAD. *Br. Zool.* N° 97. t. 39.

In the rivers and brooks, very common. Lake
 of Neuchatel. B.

PERCA.

PERCA. *Lin.* 481. PERCH.

- P. Fluviatilis. *Lin.* 481. *Gmel.* 1306. Der Barsch.
Egli. Ger. Perche. *Fr.*
 Perca fluviatilis. *Ray.* 97.
 The PERCH. *Br. Zool.* N^o 124. t. 48. *Bloch.* ii.
 62. t. 52.
 In the lake of Neuchatel.

GASTEROSTEUS. *Lin.* 489. STICKLEBACK.

- G. Aculeatus. *Lin.* 489. *Gmel.* 1323. Der Stickle-
 ling.
 Pisciculus aculeatus. *Ray.* 145.
 THREE-SPINED STICKLEBACK. *Br. Zool.* N^o 129.
 t. 50. *Bloch.* ii. 73. t. 53. 3.
 G. Pungitius. *Lin.* 491. *Gmel.* 1326.
 P. aculeatus minor. *Ray.* 145.
 TEN-SPINED STICKLEBACK. *Br. Zool.* N^o 130.
 t. 50. *Bloch.* ii. 76. t. 53. 4.
 Both these common in the brooks and rivulets.

ORDO IV. ABDOMINALES. ABDOMINAL.

COBITIS. *Lin.* 499. LOACH.

- C. Barbatula. *Lin.* 499. *Gmel.* 1348. Die Schmerk.
 Cobitis fluviatilis barbatula. *Ray.* 124.
 BEARDED LOACH. *Br. Zool.* N^o 142. t. 58. *Bloch.*
 i. 179. t. 31. 3.
 Common in all the brooks.
 C. Tænia. *Lin.* 499. *Gmel.* 1349. Der Steinpizger.
 C. barbatula aculeata. *Ray.* 124. *Bloch.* i. 177.
 t. 31. 2.
 The SMERLIN LOACH.
 C. Fossilis. *Lin.* 500. *Gmel.* 1351. Der Schlamm-
 pizger. Meergrundel. Mifgurn seu Fifgurn,
 Piscis Lampetrisformis. *Ray.* 70.
 LAMPREY LOACH. *Phil. Transf.* vol. 44. p. 451.
 t. 2. f. 1. *Bloch.* i. 173. t. 31. 1.
 In the Rhine.

SILURUS.

SILURUS. *Lin.* 501. SHEAT-FISH.

- S. Glanis. *Lin.* 501. *Gmel.* 1353. *Der Wells.*
Ger. Le Salut. *Fr.*

Silurus. *Ray.* p. 70. *Bloch.* i. 194. t. 34.

The SHEAT-FISH.

In some of the lakes of Switzerland. In that of Neuchatel.

SALMO. *Lin.* 509. SALMON.

- S. Salar. *Lin.* 509. *Gmel.* 1364. *Der Lachs.* Le
Saulmon. *Fr.*

Salmo. *Ray.* 63. In the Spring it is called
Dalm.

The SALMON. *Br. Zool.* N° 143. t. 58. *Bloch.*
i. 106. t. 20. & iii. 123. t. 98.

It comes up the Rhine into the rivers of Switzerland in the spring, and is taken in large quantities at Basle.

- S. Trutta. *Gmel.* 1366. *Lin.* 509. *Truitte.* *Fr.*
Trutta Salmonata. *Ray.* 63. *Bloch.* i. 117. t. 21.
Salmon Trout. SEA TROUT. *Br. Zool.* N° 145.
In the lake of Neuchatel. *M. Berchem.*

- S. Lacustris. *Lin.* 510. *Gmel.* 1369. *Der Rhein-*
oder Ilanken.

Trutta lacustris magna. *Gesn. Pisc.* p. 1003. *Ray.*
p. 64. *sub* N° 4. *Bloch.* 3. 155.

LAKE SALMON.

Common in the lakes; sometimes weighing sixty pounds.

- S. Fario. *Lin.* 509. *Gmel.* 1367. *Die Bachforelle.*
Trutta fluviatilis. *Ray.* 65. *Bloch.* i. 121. t. 22.
The TROUT. *Br. Zool.* N° 146. t. 59.

In almost all the rivers, brooks, and torrents.

- S. Umbla. *Lin.* 511. *Gmel.* 1371. *Der Ritter.*
Ger. L'Ombre chevalier. *Fr.*

Umbla prior. *Ray.* 64. *Bloch.* iii. 130. t. 101.

The UMBLE.

In the lake of Geneva it grows to twenty pounds weight and upwards. In the lake of Neuchatel.

S. Alpinus.

- S. *Alpinus*. *Lin.* 510. *Gmel.* 1370. *Das Roteli*.
Umbla minor. *Ray.* 65. *Bloch.* iii. 135. t. 104.
 The CHARR. *Br. Zool.* N° 149. t. 60.

Common in the lakes: that of the lake Zug excels in flavour. In the lake of Neuchatel.

- S. *Thymallus*. *Lin.* 512. *Gmel.* 1370. *Die Aesche*.
 Ger. Ombre. *Fr.*
Thymallus. *Ray.* 62. *Bloch.* i. 128. t. 24.
 The GRAYLING. *Br. Zool.* N° 150. t. 61.

- S. *Lavarettus*. *Lin.* 512. *Gmel.* 1376. *La Pallée*.
Fr.

Lavarettus Allobrogum. *Ray.* 61. *Bloch.* i. 132.
 t. 25.

The GWINIAD. *Br. Zool.* N° 152. t. 62.

Linnæus comprehends several varieties under this species. I am as yet uncertain whether the following are specifically different or not. In the lake of Neuchatel.

α. *Adelfelch*. In the lake of Constance.

ς. *Der Gangfisch*. In the same lake.

γ. *Albula cærulea*. *Blauling*. *Allbok*.

- S. *Albula*. *Lin.* 512. *Gmel.* 1379. *Hagling*. *Bloch.*
 i. 141. t. 28.

Albula minima. *Ray.* 61. *Gesn. Pisc.* p. 34.

The HERRING SALMON.

ESOX. *Lin.* 515. PIKE.

- Esox Lucius. *Lin.* 516. *Gmel.* 1390. *Der Hecht*.
 Ger. Brochette. *Fr.*

Lucius. *Ray.* 12. *Bloch.* i. 183. t. 32.

The PIKE. *Br. Zool.* N° 153. t. 63.

Very common. In the lakes of Zug and Geneva they grow to fifty pounds; and in that of Zurich an instance occurred of one that weighed seventy pounds. The best are caught in the lake of Joux. In the lake of Neuchatel. B.

CYPRINUS.

CYPRINUS. *Lin.* 525. CARP.

- C. Carpio. *Lin.* 525. *Gmel.* 1411. Die Karpfe.
Ger. Carpe. *Fr.*

Cyprinus. *Ray.* 115.

The CARP. *Br. Zool.* N° 165. t. 70. *Bloch.* i. 77.
t. 16.

Common in the lake of Zug, where they reach the weight of from fifty to seventy pounds. In the lake of Neuchatel.

- C. Barbus. *Lin.* 528. *Gmel.* 1409. Die Barbe.
Ger. Barbiau. *Fr.*

Barbus. *Ray.* 121. *Bloch.* i. 91. t. 18.

The BARBEL. *Br. Zool.* N° 166. t. 71.

Frequent in the rivers of Switzerland. At Zurich they are taken from ten to twelve pounds weight. In the lake of Neuchatel.

- C. Gobio. *Lin.* 526. *Gmel.* 1412. Der Grundling.
Ger. Gougeon. *Fr.*

Gobius fluviatilis Gefneri. *Ray.* 123.

The GUDGEON. *Br. Zool.* N° 168. *Bloch.* i. 49.
t. 8. 2.

Plentiful in the lakes and rivers; but not much esteemed at the table. In the lake of Neuchatel.

- C. Tinca. *Lin.* 526. *Gmel.* 1413. Die Schleye.
Ger. Tanche. *Fr.*

Tinca. *Ray.* 117.

The TENCH. *Br. Zool.* N° 167. *Bloch.* i. 70.
t. 14.

Common in the lakes. In that of Geneva they are caught of three pounds weight. In that of Neuchatel.

- C. Cephalus. *Lin.* 527. *Gmel.* 1417. Der Aland.
Ger. Chevenore. *Fr.*

Capito five Cephalus. *Ray.* 119.

The CHUB. *Br. Zool.* N° 175. t. 73.

In many of the lakes and rivers of Switzerland. In the lake of Neuchatel. M. Van Berchem.

- C. Nafus. *Lin.* 530. *Gmel.* 1431. *Die Nase.* Ger. Nazoz. *Fr.*

Nafus Alberti. *Ray.* 119. *Bloch.* i. 31. t. 3.

The NASE.

So plentiful in the rivers, that in the month of April sometimes an hundred thousand have been caught in the Birs. In the lake of Neuchatel.

- C. Brama. *Lin.* 531. *Gmel.* 1436. *Der Bley.*

Cyprinus latus five Brama. *Ray.* 116.

The BREAM. *Br. Zool.* N° 169. t. 70. *Bloch.* i. 69. t. 13.

- C. Ballerus. *Lin.* 532. *Gmel.* 1438. *Die Guster.*

Ballerus. *Ray.* 117. *Bloch.* i. 53. t. 9.

The BREAM BLEAK, or BALLER.

Common in the lakes.

- C. Dobula. *Lin.* 528. *Gmel.* 1424. *Der Doebl.*

Mugilis vel Cephali fluviatilis Species minor. *Ray.* 122. *Bloch.* i. 36. t. 5.

The HASLER.—Frequent in the rivers.

- C. Leuciscus. *Lin.* 528. *Gmel.* 1424. *Der Lauben.*

Leuciscus. *Ray.* 121. *Bloch.* iii. t. 97. 1.

The DACE. *Br. Zool.* N° 173.—Common in the lakes.

- C. Grislagine. *Lin.* 529. *Gmel.* 1425.

Grislagine Angustæ dictus Gobii fluviatilis Species.

Ray. 123.

Gresling. *Germ.* Vaugeron. *Fr.*

In the lake of Neuchatel. M. Berchem.

- C. Rutilus. *Lin.* 529. *Gmel.* 1426. *Das Rothauge.*

Ger. Rotte. *Fr.*

Rutilus f. Rubellus fluviatilis. *Ray.* 122. *Bloch.* i. 59. t. 11.

The ROACH. *Br. Zool.* N° 172. figure in frontispiece.

Plentiful both in the lakes and rivers. In the lake of Neuchatel.

C. Alburnus.

C. Alburnus. *Lin.* 531. *Gmel.* 1435. Der Ukeley.
Weis-fisch. Ger. Able. Fr.

Alburnus Aufonii. *Ray.* 123. *Bloch.* i. 47. t. 8.
4.

The BLEAK. *Br. Zool.* N° 176. t. 73.

This is among the most common of all our fishes.

C. Bipunctatus. *Gmel.* 1433. Die Alandbleke. *Bloch.*
i. 43. tab. 8. f. a. bené.

C. Erythrophthalmus. *Ray.* 530. *Gmel.* 1429. Die
Ulgete. *Bloch.* tab. 1.

Rutilus latior, f. Rubellio fluviatilis. *Ray.* 118.

The RUD. *Br. Zool.* N° 170. t. 72. *Bloch.* i.
25. t. 1.

Common in the rivers.

C. Phoxinus. *Lin.* 528. *Gmel.* 1422. Die Elrize.
Bambele.

Varius seu Phoxinus lævis. *Ray.* 125. *Bloch.* i.
51. t. 8. 5.

The MINNOW, or PINK. *Br. Zool.* N° 177. t. 5.
f. 6.

Frequent in the rivers and brooks.

To the three following fishes Mr. Van Berchem has
not yet been able to affix the synonyms.

Boudelles.

Cormontant.

Zizes*.

* Class V. Insecta, is omitted in this Faunula; first,
on account of its magnitude; and secondly, because I
can furnish the entomologist with no other information
than what is contained in books. I would refer the curious
reader to Johann Caspar Fuefslin's *Verzeichnis der ihm bek-*
annten Schweitzerischen Insecten. Zurich 1775, large quarto,
with a copper-plate; or John Gaspar Fuefsli's Catalogue
of the Swiss Insects. This Catalogue makes mention of
1200 species, classed in 152 genera; scarcely half of the
insects which are known to be natives of Switzerland.
Wherever it is possible, the German name is mentioned;
the place in which it is found; and if it is rare. Since

CLASS VI.

V E R M E S.

ORDO III. TESTACEA.

UNIVALVIA.

HELIX. MULLER. Vermium. *Gen.* 23. vol. ii. p. 12.

Vermis cochleatus, Tentaculis quatuor linearibus;
oculis apice majorum.

H. Chrystallina. MULLER. N^o 223. *Gmel.* 3635.
Chrystal Snail.

H. Lapidica. MULL. 240. LIN. *Syst. Nat.* N^o 656.
Gmel. 3613. LIST. *Syn.* t. 69. f. 68.
La Lampe. *Fr.* Die Lampe. *Ger.* Lamp
Snail. DA COSTA. *Br. Conch.* p. 55. t. 4.
f. 9. PEN. *Zool.* t. 83. f. 121.

this publication the author has collected various observations and additions, which are given in his *Entomologischen Magazine*, or Entomological Magazine. The deficiency of this work is in a great measure supplied by Joh. Henrick Sultzer's *Abgekuertze Geschichte der Insecten, nach dem Linnæischen System.* Winterthur, 1776, 2 vols. large quarto, with many coloured engravings of insects; or an abridged Account of Insects according to the Linnæan System, by Henry Sultzer. This work chiefly enumerates the Swiss Insects described by Sultzer, and engraved and coloured by Fuefsli, and contains many curious and instructive observations. The learned author is a physician of Winterthur.

H. Rotun

- H. Rotundata. MULL. 231. Gmel. 3633. ARGEN.
Conch. 2. t. 9. f. 10.
 Le Bouton. *Fr.* Der Knopf. *Ger.* The
 Button Snail.
- H. Minuta. A new species.
- H. Ifognomostomos. SCHROETER. 2. p. 194.
- H. Obvoluta. MULL. 229. Gmel. 3634. GUALT.
test. t. 2. f. 5.
 La Veloutée à bouche triangulaire. *Fr.*
 Die Sammet Schnecke mit Dreyeckigtem
 munde. *Ger.* Triangular-mouthed
 Snail.
- H. Costata. MULL. 233. Gmel. 3633. Serpentuli
 exigui. BERLIN. *Mag?* 4. B? Ribbed
 Snail.
- H. Pulchella. MULL. 232. Gmel. 3633. GEOFR.
Conch. 6.
 La petite Striée. *Fr.* Die Kleine gestreifte
 Schneke. *Ger.* Small White Snail.
- H. Nitida. MULL. 234. Gmel. 3633. PETIV.
Gaz. t. 93. f. 14. ARG. t. 28. 4.
 La Luifante. *Fr.* Die glänzende Wiesen.
Ger. Shining Snail.
- H. Villosa. A new species.
- H. Ericetorum. MULL. 236. δ . Gmel. 3632. Alba
 fascus novem. GUALT. t. 2. L.
 Le Ruban plat. *Fr.* Der groſſe Bund.
Ger. Heath Snail.
- H. Striatula. MULL. A new species. Not the Stri-
 atula of *Muller*, p. 24.
- H. Hispida. MULL. 268. LIN. *Syst.* 675. Gmel.
 3625. LIST. *Ang.* t. 2. f. 12.
 La Veloutée. Die Samtschneke. *Ger.*
 Bristly Snail. DA COSTA. *Br. Conch.*
 p. 58. t. 5. f. 10.
- H. Succinea. A new species. Not the Succinea of
Muller, p. 97.

- H. Incarnata. MULL. 259. *Gmel.* 3617. SCHROETER, p. 174. t. 2. f. 18. Carnation-mouthed Snail.
- H. Fruticum. MULL. 267. *Gmel.* 3635. SCHROETER, p. 178. t. 2. f. 19. Bush Snail.
- H. Hortensis. MULL. 247. *Gmel.* 3649. Garden Snail.
- H. Nemoralis. MULL. 246. *Gmel.* 3647. LIN. *Syst.* 691. LIST. *Ang.* t. 2. f. 3.
La Livrée. *Fr.* Die Waldschneke. *Ger.*
Wood Snail. DA COSTA. *Br. Conch.*
p. 76. t. 5. f. 1.—8. 14. 19. PENN. *Zool.*
N° 131.
- H. Montana. A new species.
- H. Arbustorum. MULL. 248. LIN. *Syst.* 680. *Gmel.* 3630. LIST. *Ang.* t. 2. f. 4. Hedge Snail.
DA COSTA. *Br. Conch.* p. 75. t. 17. f. 6. PENN.
Zool. N° 130. t. 85.
- H. Asperfa. MULL. 253. *Gmel.* 3631. ARG. 1.
t. 28. f. 11.
Le Jardinier. *Fr.* Die Gartenschneke. *Ger.*
Speckled Snail.
- H. Pomatia. MULL. 243. LIN. *Syst.* 677. *Gmel.* 3627.
Le Vigneron. *Fr.* Die Weinbergs Schneke.
Ger. Edible Snail. DA COSTA *Br.*
Conch. p. 67. t. 4. f. 14. PENN. *Zool.*
N° 128. t. 84.
- H. Fulva. MULL. 249. *Gmel.* 3630. Topaz Snail.
- H. Sericea. MULL. 258. *Gmel.* 3617. Silky Snail.
- H. Aculeata. MULL. 279. *Gmel.* 3638. Prickly Snail.
- H. Rupestris. A new species.
- H. Muscorum. MULL. 304. LIN. *Syst.* 651. *Gmel.* 3611.
Turbo Muscorum.
Le petit Barillet. *Fr.* Das Kleine Faschen.
Ger. LIST. *Ang.* t. 2. f. 6. Moss Snail.
DA

DA COSTA. *Br. Conch.* p. 89. t. 5. f. 16.
 PENN. *Zool.* t. 82. N° 118.

H. Coronata. Geoffroy. *Par.* N° 19.

Le grand Barillet. *Fr.* Das große Faßchen.
Ger. Rundlet Snail.

H. Quadridens. MULL. 306. *Gmel.* 3610. LIST.
Syn. t. 40. f. 38.

L'Anti Barillet. *Fr.* Das Linusgedrehte
 Faßchen. *Ger.* Four-toothed Snail.

H. Cochlea. A new species.

H. Exigua. A new species.

H. Lubrica. MULL. 303. *Gmel.* 3661. LIST. *Ang.*
 t. 2. f. 7.

La Brillante. *Fr.* Das glänzende Spitz-
 schneke. *Ger.* Glossy Snail.

H. Obscura. MULL. 302. *Gmel.* 3661. LIST. *Ang.*
 t. 2. f. 8?

Le grain d'Orge. *Fr.* Das Gerstenkorn. *Ger.*

H. Sylvestris. A new species.

H. Detrita. MULL. 300. *Gmel.* 3660. GUALT.
Test. t. 5. N.

H. Cylindrica. GEOFR. N° 16.

Le grain d'Avoine. *Fr.* Das Haferkorn.
Ger. Cylindrical Snail.

H. Bidens. MULL. 315. LIN. *Syst.* 649. *Gmel.*
 3619 a. LIST. *Syn.* t. 41. A.

Die glatte Erdschraube. *Ger.* Bidentated
 Snail. PENN. *Zool.* N° 117. t. 81. sine
 numero.

H. Muscosa. A new species.

H. Roscida. A new species.

H. Perversa. MULL. 316. Turbo perversus. LIN.
Syst. 650. *Gmel.* 3610. LIST. *Ang.* t. 10.
Syn. t. 41. f. 39.

La nonpareille. *Fr.* Die gestrikte Erd-
 schraube. *Ger.* Contrary-mouthed Snail.
 DA COSTA. *Br. Conch.* p. 107. t. 5. f. 15.
 PENN. *Zool.* t. 82. N° 116.

H. Muralis. A new species.

H. Parvula. A new species.

H. Acicula. GEOFR. N° 21.

L'Aiguillette. *Fr.* Der Senkel die Nadel.
Ger. Needle Snail.

H. Pellucida. MULL. 215.

La transparente. *Fr.* Die Durchsichtige
Schneke. *Ger.* Pellucid Snail.

H. Virescens. A new species.

H. Impura. A new species.

H. Succinea. MULL. 296. Putris. LIN. *Syst.* 705.

Gmel. 3659. LIST. *Ang.* 140. t. 2. f. 24.

L'Amphibie: L'Ambrée. *Fr.* Die Beyd-
bige. Kahufschneke. *Ger.* Amphibious
Snail. DA COSTA. *Br. Conch.* p. 92. t. 5.
f. 13. PENN. *Zool.* t. 86. N° 137.

H. Elongata. New species.

A. Angusta. New species.

POMATIAS. STUDER. M S.

Vermis cochleatus, tentaculis duobus linearibus, oculis
ad basin externe.

P. Elegans. Nerita elegans. MULL. 363. Turbo
elegans. *Gmel.* 3606. LIST. *Ang.* t. 2. f. 5.
Syn. t. 27. f. 25.

L'Elegante Strié. *Fr.* Die Feingestrickte
Deckel-schenke. *Ger.* Nerite-Pomatias.

P. Variegatus. A new species.

VERTIGO. MULLER. *Gen.* 24. p. 124.

Vermis cochleatus, Tentaculis duobus linearibus,
apice oculatis.

V. 8-dentata. New species.

V. 5-dentata. New species.

V. 6-dentata. New species. An? Helix Vertigo.
Gmel. 3664.

CARY-

CARYCHIUM. MULLER. *Gen.* 25. p. 125.

Vermis cochleatus, Tentaculis duobus truncatis, oculis ad basin postice.

C. Minimum. MULL. 321. *Helix Carychium.* Gmel. 3665.

ANCYLUS. MULLER. *Gen.* 30. p. 199.

Vermis cochleatus, Tentaculis binis truncatis, oculis ad basin interne.

A. Lacustris. MULL. 385. *Patella lacustris.* LIN. *Syst.* 769. Gmel. 3711. ARG. I. t. 27. 1. Ancille; Patelle. *Fr.* Die Schuffel, Napf-muschell. *Ger.* Lake Limpet. DA COSTA. *Conch.* p. 1. t. 2. f. 8.

A. Fluvialis. MULL. 386. *Patella fluvialis.* Gmel. 3711. *Patella oblonga.* *Phil. Transf.* vol. 76. 168. t. 3. LIST. *Ang.* t. 2. f. 32. Patelle a bec. *Fr.* Die Dragonet. Mutze. *Ger.* River Limpet.

BUCCINUM. MULLER. *Gen.* 26. p. 126.

Vermis cochleatus, Tentaculis duobus triangularibus, oculis ad basin interne.

B. Papilla. Uncertain.

B. Auricula. MULL. 322. *Helix Auricularia.* LIN. *Syst.* 708. Gmel. 3662. LIST. *Ang.* t. 2. f. 23.

Le Radix. *Fr.* Die Wurzel. *Ger.* Wide-mouthed Snail; or Buccinum. DA COSTA. *Br. Conch.* p. 95. t. 5. f. 17. PENN. *Zool.* t. 86. N^o 138.

B. Fossarum. Uncertain.

B. Medium. MULL. 324? Gmel. 3659. *Gualt.* t. 5. ee.

B. Rivale. Uncertain.

B. Lacustre. Uncertain.

B. Fragile. Uncertain.

B. Albidum. Uncertain.

B. Stagnale. MULL. 327. *Helix Stagnalis*. LIN. *Syst.*
703. *Gmel.* 3657. LIST. *Ang.* t. 2. f. 21.
Le grand Buccin. *Fr.* Das grofs Spizhorn.
Ger. Lake Buccinum; or *Helix*. DA
COSTA. *Br. Conch.* p. 93. t. 5. f. 11.
PENN. *Zool.* t. 86. N° 136.

B. Palustre. MULL. 326. *Gmel.* 3658. LIST. *Ang.*
t. 2. f. 22.
Le Petit Buccinum. *Fr.* Das Kleine Spiz-
horn, Der Raab. *Marsh* Buccinum, or
Helix.

B. Truncatulum. MULL. 325? *Gmel.* 3659.

PLANORBIS. MULLER. *Gen.* 27. p. 152.

Vermis cochleatus, Tentaculis binis fetaceis, oculis ad
basin interne.

P. Turritus. MULL. 354. *Bulla planorbis*. *Gmel.*
3428.

P. Bulla. MULL. 353. *Bulla fontinalis*. LIN. *Syst.*
386. *Gmel.* 3427. LIST. *Ang.* t. 2. f. 25.
La Bulle aquatique. *Fr.* Die Wasserblase.
Ger. Lake Bulla, or Plane-orb. DA
COSTA. *Br. Conch.* p. 96. t. 5. f. 6.

P. Contortus. MULL. 348. *Helix contorta*. LIN.
Syst. 673. *Gmel.* 3624. PETIV. *Gaz.* t. 92.
f. 8.

Le Petit Planorbe. *Fr.* Die Kleine Teller-
schnecke, *Ger.* Lunated Plane-orb, or
Helix.

P. Purpura? MULL. 343. *Helix cornea*. LIN. *Syst.*
671. *Gmel.* 3623. LIST. *Ang.* t. 2 f. 26.

Le grand Planorbe. *Fr.* Das vertiefte Post-
horn. *Ger.* Horny *Helix*, or Plane-orb.
DA COSTA. *Br. Conch.* p. 60. t. 4. f. 13.
PENN. *Zool.* t. 83. N° 126.

P. Albus.

- P. Albus. MULL. 350. Helix alba. Gmel. 3625.
PETIV. Gaz. t. 92. f. 7. Small white Plane-
orb.
- P. Spirorbis. MULL. 347. Helix Spirorbis. LIN.
Syst. 672. Gmel. 3624. Concave Plane-orb.
- P. Nitidus. MULL. 349. BERLIN. Magaz. 4. B.
p. 262. Shining Plane-orb.
- P. Imbricatus. MULL. 351. Turbo Nautilus. LIN.
Syst. 654. Gmel. 3612.
Le Planorbe tuile. Fr. Die Ziegelformize
Teller schenecke. Ger. Imbricated Plane-
orb.
- P. Tenellus. MULL. 345? Sive Vortex. Helix
Vortex. LIN. Syst. 667? Gmel. 3620. LIST.
Ang. t. 2. f. 28. Whirl Plane-orb. DA COSTA.
Br. Conch. p. 65. t. 4. f. 12. PENN. Zool. t. 83.
N° 124.
- P. Complanatus. MULL. 346? sive umbilicatus.
Helix complantata. LIN. Syst. 663. Gmel.
3617. Umbilicated Plane-orb An? DA
COSTA. Br. Conch. p. 66. t. 4. f. 11.
- P. Carinatus. MULL. 344. Helix Planorbis. LIN.
Syst. 662. Gmel. 3617. LIST. Ang. t. 2. f. 27.
Carinated Plane-orb. DA COSTA. Br. Conch.
p. 63. t. 4. f. 10. & t. 8. f. 8. PENN. Zool.
t. 83. N° 123.

VALVATA. MULLER. Gen. 29. p. 198.

Vermis cochleatus, Tentaculis binis fetaceis, oculis
ad basin postice.

V. Cristata. MULL. 384. Crested Valvate; or fea-
thered Nerite.

V. Pulchella. GEOFR. Ner. 4.
Le Port Plumet. Fr. Der Federbuschtra-
ger. Ger.

NERITA.

NERITA. MULLER. *Gen.* 28. p. 170.

Vermis cochleatus, Tentaculis binis fetaceis, oculis ad basin externe.

N. Obtusa. MULL. 358. five Helix Piscinalis. *Gmel.* 3627. Obtuse Nerite.

N. Jaculator. MULL. 372. Helix Tentaculata. LIN. *Syst.* 707. *Gmel.* 3662. LIST. *Ang.* t. 2. f. 19.

La Petite Operculée. *Fr.* Der Thürhüter. *Ger.* Bomb Nerite, or Helix. DA COSTA. *Br. Conch.* p. 91. t. 5. f. 12. PENN. *Zool.* t. 86. N^o 140.

BIVALVIA.

TELLINA. MULLER. *Gen.* 31. p. 202.

Vermis conchaceus, siphone duplici longo.

T. Cornea. MULL. 387. LIN. *Syst.* 72. *Gmel.* 3241. LIST. *Ang.* t. 2. f. 31.

Came de Ruiffeaux. *Fr.* Die Kleine Breitmuschel. *Ger.* Horny Tellen. DA COSTA. *Br. Conch.* p. 173. t. 13. f. 2. PENN. *Zool.* t. 49. N^o 36.

T. Amnica. MULL. 389. *Gmel.* 3242.

T. Minima. A new species.

MYTILUS. MULLER. *Gen.* 32. p. 207.

Vermis conchaceus, siphone duplici brevi.

M. Cygneus. MULL. 394. LIN. *Syst.* 257. *Gmel.* 3355.

Le Moule d'Etang. *Fr.* Die große grüne Teichmuschel. *Ger.* Great Pond Muscle.

M. Anatinus. MULL. 393. LIN. *Syst.* 258. Common River Musc.

MYA

MYA. MULLER. *Gen.* 33. p. 210.

Vermis conchaceus, siphone nullo.

M. Pictorum. MULL. 397. 6. *Gmel.* 3218. Testa elongata crassa fusca. GUALT. *test.* t. 7. E. Long Painter's Muscle.

M. Ovata. MULL. 397. 7? Testa crassa radiata flavo-virente. LIST. *Syn.* t. 146. 1. 147. 3. 147. 2. Oval Mya.

M. Rivorum. MULL. 397. α. *Gmel.* 3218. α. Testa crassa rudi fusca. Mya Pictorum. LIN. *Syst.* 28. LIST. *Ang.* t. 2. f. 30. Painter's Muscle, or Mya. DA COSTA. *Br. Conch.* p. 228. t. 15. f. 4. PENN. *Zool.* t. 43. f. 17.

APPENDIX.

Nº I.

Vocabulary of the Romansh of Upper Engadina.

God	<i>Dieu</i>	Wine	<i>Vin</i>	Verfes	<i>Vers</i>
Heavens	{ <i>Cél</i> , pronounced <i>Chel</i>	Water	<i>Ova</i>	To love	<i>Amar</i>
Cloud	<i>Nuvla</i>	Fire	{ <i>Foe</i> , pr. like <i>Feu</i>	To listen	<i>Tadlar</i>
Rain	<i>Plovgia</i>	Air	<i>Aier</i>	To believe	<i>Crair</i>
Hail	<i>Tempesta</i>	Earth	<i>Tearra</i>	To go	<i>Or</i>
Mouth	<i>Boucchia</i>	Wood	<i>Gôd</i>	To come	<i>Gnir</i>
Nose	<i>Nas</i>	Tree	<i>Bæsch</i>	To feign	<i>Finger</i>
		Horfe	<i>Chiuvalg</i>	To beat	<i>Batter</i>
	{ <i>Oelg</i> , pr. like the French	Dog	<i>Chiaun</i>	To flay	<i>Amazzare</i>
Eye	<i>Oeil</i>	Lion	<i>Liun</i>	Great	<i>Grand</i>
		Tiger	<i>Tigra</i>	Little	<i>Pitschen</i>
Head	<i>Testa</i>	Man	<i>Hom</i>	Fat	<i>Grafs</i>
Ear	<i>Araglia</i>	Woman	<i>Duona</i>	Thin	<i>Megier</i>
Hand	<i>Maun</i>	Husband	<i>Marid</i>	Black	<i>Nair</i>
Foot	<i>Pè</i>	Wife	<i>Muglier</i>	White	<i>Alb</i>
Body	{ <i>Chuerp</i> , or, <i>Courp</i>	Girl	<i>Matta</i>	Red	<i>Coatschen</i>
Hair	<i>Chiapè</i>	Son	<i>Filg</i>	Blue	<i>Blow</i>
Bread	<i>Pain</i>	Daughter	<i>Figlia</i>	Green	<i>Vert</i>
		Soldier	<i>Sûdo</i>	Yellow	<i>Mellen</i>
		Poet	<i>Poarta</i>	Brown	<i>Brun</i>
				Grey	<i>Grifsch</i>

1	<i>Un</i>	7	<i>Sett</i>	12	<i>Dudesch, &c.</i>
2	<i>Duos</i>	8	<i>Oach</i> , in Lower Engadina <i>Oit</i>	20	<i>Vainch</i>
3	<i>Trais</i>	9	<i>Nov</i>	30	<i>Trenta</i>
4	<i>Quater</i>	10	<i>Desch</i>	100	<i>Tschient</i>
5	<i>Tschinch</i>	11	<i>Undesch</i>	1000	<i>Mille</i>
6	<i>Ses</i>				

TITLES

N^o II.

TITLES of the earliest BOOKS, and of the BIBLES printed in the ROMANSH.

N^o 1. The translation of the New Testament by Biveronius. *L'g Nuof Saint Testamaint da nos Signer Jesu Christi Prais our delg Latin et our d' oters laungaux et buossa da noef mis in Arumaunsch très Jachiam Bifrun d' Agnedina. Psalm 119. Tieu uierf es una glimyra a mes pes et una liusth à mieu pass. Squischo ilg an 1560.*

N^o 2. Another scarce work, printed by the same author in 1571, and which is in my possession, containing a catechism and paraphrase of the Lord's Prayer, in question and answer, bears the following title: *Una cuorta et fuorma da intraguidær la giuventüna et par 'lg prüm co es cugniosche Deus et se d'sues. Albura üna declaratiun de la Chredinsha, dals dischs cumandamains, dalg Pædernus, dals sainchs sacramains, tuot très 'ls Predichiauns da Chuoira in moed da dumanda aschantô, et missa in Aromaunsch, 1571.* From this book I shall insert the Apostles Creed, as a specimen of the early Romansh.

“ *Eau craich in Dieu Pæder Omniputaint, creatur dalg tschil et de la terra. Et in Jesum Christum ses sullet filg, nos Signur. L'g quæl es concepieu dalg Sainch Spiert, nascieu da la Vergina Maria. Indurô juot Potio Pilato, crucifichiô muort, et sappulieu. Jeu ad ifiern, et aint ilg ters di da muort arefustô. Et es jeu à tschil, et setza dalg dret maun da ses bab celestiel. Innuonder che el vain à gnir à judichier vifs et muorts. Eau craich aint ilg sainc spiert. Eau craich che saia la sainchia fidela christiauna baselgia. Comuniun*
dals

dals fenchs. Remischiun dals pchios. Resustatiun da la chiarn. Et sieva aquaista vita, la vita eterna. Amen."

Nº 3. Title of Campel's translation of the Psalms, second edition. *Un Cudesch Da Psalms Tratts our da'gl Tudaischk, e luguads da chiantar in Ladin. Proa quai alchiunas Spiritualas Chiantzuns: chi s'ettuengen cun la vardad è scrittura sainckgia, ed our da quella tuutas, &c. Tras Durich Chiampel, Sarviaint de l' g' Evangeli da Jesu Christi a Susch in Ingiadina dsuott. Schquischada a Basel 1606.*

Nº 4. A Catechism by the Rev. John Planta, of Samada. *Un Cuort Nuzai-vel e Bsognius Catechismus, chi cuntain la sustaunza da l'intyra Cretta, e vaira fœ Christi-auna, &c. Scrit in Arumauntsch træs Juannem Plantam da Samedan, ministar de la Baselgia da Jesui Christi. Squitscho in Puschlæf træs Cornelium et Anthonium Landuolpfs. 1581.*

Nº 5. The Bible in the dialect of Lower Engadina. *La sacra Biblia, quai ais Tuot la Sonchia Scrittura in la quala sun comprais tuots Cudaschs dal Velg e Nouf Testamaint cun l'aggiunta dall Apocrypha eschantada, vertida e stampada in lingua Rumaunscha d' Ingadina Bassa tras cumun cuost e la-vear da Jacobo Antonio Vulpio, Serviaint dal Pled da Deis in Ftaun, et Jacobo Dorta a Vulpera, Serviaint dal Pled da Deis in Scuol. Stampod in Scuol in Ingadina Bassa tras Jacob Dorza a Vulpara. 1679. Fol. pag. 1524.*

Nº 6. A version of the New Testament, by John Gritti, and printed at Basle. *'L Nuof S. Testamaint da Noufs Segnier Jesu Christi buossa da nœf vertieu in Romaunsch, our da l' originel Greec, træs Joann. Gritti da Zuoz, &c. Squitscho in Basel træs George Decker, &c. 1640. 8vo. p. 870.*

Nº 7. Aporta's Rhætian Chronicle, printed at Scuol. *Chronica Rhætica order l'Historia da l'origine, guerras, Vol. III. C c alleanzas,*

alleanzas, et Auters evenemaints da noffa chiara patria la Rhetia, our da divers Authurs compomuda da Nott da Porta, V. D. M. et par bain public acuoſt ſeis fatta ſtampar da Nuot N. Schucan tras Jacobo N. Gadina et Jac. Rauchio. In Scuol. an. 1742. 8vo. p. 209.

Nº 8. The firſt book in the Romanſh of the Grey League is a Catechiſm by Daniel Boniface, under the following title, printed at Lindau : *Catechiſmus, cuſt muſſameint dels Principals Punctys della Chriſtianeita Religiun par las Baſelgias et Skolas da Communas Trees Ligias, tras quell ault amuſſaa S. Johann Pontifella da Cuira fatg per Tudeſchk, uſſa da nief tras Daniel Boniface meſs ora in Romaunſch, &c. Squitſchau a Lindau vid igl Bodensce tras Johann Ludwig Brem. 1601.*

The following expreſſions in his preface, “ *et aint in noſſ linguagh mæ na nean ne ſcritts ne ſquitcheus ;*” nothing having as yet appeared in our language, either written or printed; ſufficiently proves that this catechiſm was the firſt publication in the Romanſh of the Grey League; although the following Pfalter by Stephen Gabriel is uſually ſtyled the firſt book.

Nº 9. Pfalter by Dan. Boniface, printed at Coire 1611; reprinted 1649, 1683, 1740, 1768. The following is the title-page of the laſt edition. *Ilg Ver Sulaz da Piewel Juven : quei anis una curta Summa da la Cardienſtha dils Patriarchs, Prophets, ad Apoſtels : Item, Anzaquonts Pſalms da David, a Canzuns Spiritualas : Item, Anzaquontas Uratiuns : Tras Steffan Gabriel, &c. Squitſchau a Cuera. 1768.*

Nº 10. Verſion of the New Teſtament by Lucius Gabriel, printed at Baſle. *Ilg Nief Teſtament da Niefs Senger Jeſu Chriſt meſs qui en Rumonſch da la Liga Griſcha tras Luci Gabriel, &c. Squitſchau a Baſel 1648. 8vo.*

Nº 11.

N^o 11. Translation of the Bible in the Romanſh of the Grey League, printed at Coire with the following title :
La S. Biblia, quei ei, Tut la Soinchia Scartira, ne Tuts ils ludisſch dilg Veder a Nief Testament cun ils Apocryphs, meſs'a giuent ilg linguaig Ramonſch da la Ligia Griſcha, tras anchins Survients dilg plaid da Deus dils Venerands Colloquio Sur a ſutt il Guault. Cum Privil. Illuſtr. D. D. Rhætor. a Squitchad en Coira tras Andrea Pfeffer Stampadur. 1718. Fol. pag. 1148.

N^o III.

I USED my utmost endeavours to render the General Map of Switzerland, which accompanies this work, as complete as possible; and as there was no accurate delineation of the whole country yet given to the Public, I collected the best maps of the various parts of Switzerland, which I was able to procure. From these authorities, which are here enumerated, Messrs. Palmer and Baker compiled the present engraving; and to their merit the public is indebted for, what I hope will be deemed, the best general map of Switzerland yet extant.

1. *Carte de la Suisse Romande qui comprend le Pays de Vaud et le Gouvernement d'Aigle, dépendant du Canton de Berne, divisés en leurs Bailliages. Où l'on a distingué ceux qui appartiennent au Canton de Fribourg et ceux qui sont possédés en commun par ces deux Républiques, ainsi que les Etats et Pays adjacents. Levée Géométriquement, Sous la Permission du Souverain. Par le S. H. Mallet, Ingénieur Géographe. 1781. 4 sheets. A most excellent and correct map.*
2. *Canton Basel. Daniel Bruckner Auctor, Emanuel Büchel Delineavit. Gravé a Bâle, par P. L. Auvray, Parisien. Sous les Soins de M. de Mechel. 1766. A very correct map.*
3. *Carte Chorographique de la partie occidentale de l'Oberland ou le Comté de Gruyères divisé en quatre Bailliages ou Gouvernements; à savoir Gruyères, Sanen, Ober Siberthal,*

Siberthal, et Nider Sibenthal, ou se Trouve le Gouvernement d'Aigle, et le Bailliage de Vevay. Avec les Frontieres de la Republique de Valais, et des Pays Circonvoisins. Observées sur les Lieux et dressée sur le Manuscrit de Samuel Loup de Rougemont. A Londres, Publiée par Acte du Parlement. 1754. Tolerably correct.

- a. *Topograpische Tabelle des untern Amtes der Lucernerischen Vogtei Entlibuch Samt dem Markt zu Wolhausen begreifend die Pfarreion Entlibuch, Romos, Hasli, Doplschwand, und Theils. Wolhausen und Malters, 1732.*
- b. *Topograpische Tabelle der beiden Entlibucher-Ämter Schupfheim und Eschlisnacht im Canton Lucern.*
- c. *Carte de la Partie superieure de l'Entlibuch.*
- d. *Besondere Vorstellung der ganzen Landschaft Entlibuch, samt einem Theil des benachbahrten Obwalden und Brienzerlandes. These accurate maps of the small district of the Entlibuch were published at Lucern by the Rev. M. Schnider, author of the Geschichte der Entlibucher, or History of Entlibuch.*
5. *Charte des Vier Walstätter Sees ; published without date or name of place in 1785 : representing the Lake of Lucern, parts of the cantons of Schweitz and Unterwalden, and of the district of Engelberg. This little map, printed with moveable types, appears to me correct.*
6. *Canton Solothurn sive Pagus Helvetiæ Solodurensis cum confinibus recenter delineatus per Gabrielem Walserum, V. D. M. edentibus Homann Heredib. Norimbergæ. 1766. C. P. S. C. M. The errors of this map,*

which is extremely imperfect, have been as much as possible corrected.

7. *Route de Bale à Bienne par la Vallée de Moitier et Pierre Pertuis dans l'Eveché de Bâle.* 1788. Very correct.

8. *Nouvelle Carte du Pays de Grisons, avec ses dépendances la Valteline, le Comté de Chiavenna et Bormio.*

Rætia Fœderata cum subditis ei terris. Amstelodami Joannis Simen. A° 1711. Johannes van Lugtenberg Geographi. Deline. et Sculp. During my travels through the Grisons, I found this map tolerably correct.

9. *Mappa della Linea e dei Termini di Confini tirata fra lo Stato di Milano e Dominio Rhet.* 1764. Very correct.

10. *Carta delli Baliaggii Suizzeri, di Lugano e di Mendrisio, Destà di G. Conr. Finsler di Zurigo.* Gravé par Claufner a Zug 1786. In Schintz Beytraege zur naehern Kenntnifs des Schweitzerlandes.

11. *Die Landschaft-Livenen Valle Leventina* J. H. Meyer del. 1784. Claufner Sculp. in Zug. In Schintz Beytraege. Having never visited the parts delineated on these maps, I cannot pretend to assert from my own knowledge that they are exact; but have every reason to pronounce that they are not incorrect.

12. *Helvetiæ Pagi seu Cantones 13, &c.* *Nova Helvetiæ Tabula Geographica, &c.* a Joh. Jacobo Scheuchzero Tigurino Med. D. Math. Prof. 1712. Four sheets. For the north-eastern parts of Switzerland.

This

This map, although imperfect in many parts, was necessarily followed, in order to complete the whole, and particularly for the north-eastern parts, for which it is allowed to be the best map extant.

13. *Carte Topographique d'Allemagne*, fait par J. W. Jaeger à Francfort sur le Mein, se vend chez l'auteur avec P. de S. M. I. In many sheets.

The whole has been corrected as much as possible from my journals, and from the observations which I made during my successive travels in Switzerland.

N° IV.

ITINERARIES of four tours through Switzerland, in 1776, 1779, 1785, and 1786; with the distances marked in leagues and English miles. It may be necessary to apprise the traveller, that although I spared no pains in order to ascertain the respective distances, yet in many places, and particularly in the mountainous districts, it was impossible to obtain that degree of accuracy which I could have desired. For in those parts, the distances being not measured, can only be conjectured from the time employed in traversing them.

Dates.		Distances.	
		Leagues.	Miles.
	TOUR in 1776.		
JULY	ENTERED Switzerland		
	from STRASBURGH		
20.	and Doneschingen		
21.	at SCHAFFHAUSEN		
	Lauffen — —	I	3 $\frac{1}{4}$
	to the Cataract — —		
	SCHAFFHAUSEN — —	I	3 $\frac{1}{4}$
23.	Dieffenhoffen — —	2	6 $\frac{1}{2}$
	Stein — —	2	6 $\frac{1}{2}$
	by water to the Isle of		
	Reichenau — —	4 $\frac{1}{2}$	14 $\frac{3}{4}$
	CONSTANCE — —	1 $\frac{1}{2}$	5
24.	I. of Meinau — —	5	16 $\frac{1}{2}$
	CONSTANCE — —	5	16 $\frac{1}{2}$
	Rosbach — —	9	30
	by land to		
25.	ST. GALLEN — —	2 $\frac{1}{8}$	7
	Tuffen — —	1 $\frac{1}{4}$	4
26.	Appenzel — —	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Oberried — —	3	10

Dates.			Distances.	
			Leagues.	Miles.
JULY				
27.	Saletz	—	3	10
	Werdenberg	—	2	6 $\frac{1}{2}$
	Trivabach	—	3	10
	Sargans	—	1	3 $\frac{1}{4}$
28.	Wallenstadt	—	3	10
	by water to			
	Wefen	—	4	13
	by land to			
29.	GLARUS	—	2	6 $\frac{1}{2}$
	Schwanden	—	1 $\frac{1}{2}$	5
	to the Panten-Bruck	—	2 $\frac{3}{4}$	9
30.	GLARUS	—	4 $\frac{1}{4}$	14
	Bilten	—	2 $\frac{3}{4}$	9
	Sibnen	—	1 $\frac{1}{2}$	5
31.	Einfidlin	—	4 $\frac{1}{4}$	14
AUG. 1.	Rapperfchwyl	—	4	13
	by water to			
2.	ZURIC	—	7 $\frac{1}{2}$	25
	by land to			
4.	Albis	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Cappel	—	1 $\frac{1}{2}$	5
	ZUG	—	1 $\frac{1}{2}$	5
	by water to			
	Immenfee	—	2	6 $\frac{1}{2}$
	by land to			
	Kuffnacht	—	$\frac{1}{2}$	1 $\frac{1}{2}$
	by water to			
5.	LUCERN	—	3	10
	Fluelen	—	8 $\frac{1}{2}$	28
	by land to			
7.	ALTDORF	—	1 $\frac{1}{2}$	1 $\frac{1}{2}$
	Am Steg	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
8.	Wafen	—	2	6 $\frac{1}{2}$
	Devils Bridge	—	1 $\frac{1}{2}$	5
9.	to Spital on St.Gothard	—	2 $\frac{3}{4}$	9
	Hospital	—	2	6 $\frac{1}{2}$
	Realp	—	1 $\frac{3}{4}$	5 $\frac{3}{4}$
	over the Furca	—		

Dates.		Distances.			
		Leagues.	Miles.		
AUGUST					
	Obergestelen	—	—	4½	14¾
10.	Munster	—	—	1½	5
	Obergestelen	—	—	1½	5
11.	Spital on the Grimsel	—	—	2½	8¼
	Handeck	—	—	2	6½
12.	Meyringen	—	—	4	13
13.	Grindelwald	—	—	4½	14¾
14.	Lauterbrunnen	—	—	3	10
	Leisingen	—	—	3	10
	Æfchi	—	—	1	3¼
16.	Frutigen	—	—	2¼	7½
	Kandersteg	—	—	3	10
	Winteregg	—	—	2	6½
	over the Gemmi				
17.	Baths of Leuk	—	—	3¾	12¼
	Leuk	—	—	3	10
	Siders	—	—	3	10
	St. Leonard	—	—	2	6½
19.	SION	—	—	1½	5
	Ridda	—	—	2	6½
	Martigny	—	—	2½	8¼
20.	St. Maurice	—	—	2¼	7½
	to Bex	—	—	1	3¼
	Martigny	—	—	3¼	10½
22.	Trient	—	—	2½	8¼
	Valorsine	—	—	1¾	5¾
23.	the Priory in the Valley of Chamouny	—	—	3	10
	Salenche	—	—	4	13
25.	Cluse	—	—	3	10
	Bonneville	—	—	3	10
	Arthas	—	—	2	6½
	Chene	—	—	2	6½
26.	GENEVA	—	—	½	1½
	Versoi	—	—	1¾	5¾
SEPT.	Copet	—	—	¾	2½
1.	Craffi	—	—	1½	5

Dates.			Distances.	
			Leagues.	Miles.
SEPT.				
	Nyon	—	$1\frac{1}{4}$	4
	Rolle	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	Morges	—	$2\frac{3}{4}$	9
2.	LAUSANNE	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	Lutri	—	1	$3\frac{1}{4}$
	Cuilli	—	$\frac{3}{4}$	$2\frac{1}{2}$
	Vevay	—	2	$6\frac{1}{2}$
	LAUSANNE	—	$3\frac{3}{4}$	$12\frac{1}{4}$
	Coffonex	—	3	10
6.	Abbaye	—	$3\frac{1}{2}$	$11\frac{1}{2}$
	Romain-motier	—	3	10
	Orbe	—	$1\frac{1}{4}$	4
8.	Yverdun	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	to Glendy	—	$\frac{1}{4}$	$\frac{3}{4}$
	Granfon	—	1	$3\frac{1}{4}$
	St. Aubin	—	3	10
	Boudri	—	$1\frac{3}{8}$	$4\frac{1}{2}$
9.	NEUCHATEL	—	$1\frac{1}{2}$	5
	Vallengin	—	1	$3\frac{1}{4}$
	Chaux de Fond	—	$2\frac{1}{4}$	$7\frac{1}{2}$
10.	Locle	—	$1\frac{3}{4}$	$5\frac{3}{4}$
11.	NEUCHATEL	—	$3\frac{1}{4}$	$10\frac{1}{2}$
	Thielle	—	$1\frac{3}{4}$	$5\frac{3}{4}$
	Anet	—	1	$3\frac{1}{4}$
	Walperschwyl	—	$2\frac{1}{2}$	$8\frac{1}{4}$
	Morat	—	4	13
13.	Avenche	—	$1\frac{1}{2}$	5
14.	FRIBURGH	—	$2\frac{3}{4}$	9
	Neunec	—	3	10
15.	BERN	—	$2\frac{3}{4}$	9
	Worb	—	$1\frac{1}{2}$	5
	Signau	—	3	10
18.	to Langenau	—	$1\frac{1}{2}$	5
20.	BERN	—	6	20
	Riederen	—	$1\frac{1}{4}$	4
	Gimmenen	—	$1\frac{3}{4}$	$5\frac{3}{4}$
	Morat	—	2	$6\frac{1}{2}$
	Avenche	—	$1\frac{1}{2}$	5

Dates.			Distances.	
			Leagues.	Miles.
SEPT.				
21.	Payerne	— —	2	6 $\frac{1}{2}$
	Marnaw	— —	1 $\frac{1}{2}$	5
	Moudon	— —	2 $\frac{5}{8}$	8 $\frac{1}{2}$
	Montpreveires	— —	2 $\frac{3}{8}$	7 $\frac{3}{4}$
22.	LAUSANNE	— —	2	6 $\frac{1}{2}$
	Morges	— —	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	Rolle	— —	2 $\frac{3}{4}$	9
	Nyon	— —	2 $\frac{1}{4}$	7 $\frac{1}{2}$
23.	Craffi	— —	1 $\frac{1}{4}$	4
	Copet	— —	1 $\frac{1}{2}$	5
	Genthod	— —	1 $\frac{1}{8}$	3 $\frac{3}{4}$
24.	GENEVA	— —	1 $\frac{3}{8}$	4 $\frac{1}{2}$
	to AVIGNON.—Returned to			
OCT. 21.	GENEVA	— —		
	Copet	— —	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Craffi	— —	1 $\frac{1}{2}$	5
23.	Nyon	— —	1 $\frac{1}{4}$	4
	Rolle	— —	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	Morges	— —	2 $\frac{3}{4}$	9
	LAUSANNE	— —	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	Echalens	— —	2 $\frac{7}{8}$	9 $\frac{1}{2}$
24.	Yverdon	— —	3 $\frac{1}{4}$	10 $\frac{1}{2}$
	Granfon	— —	1	3 $\frac{1}{4}$
	St. Aubin	— —	3	10
	Boudri	— —	1 $\frac{3}{8}$	4 $\frac{1}{2}$
25.	NEUCHATEL	— —	1 $\frac{1}{2}$	5
	St. Blaise	— —	1	3 $\frac{1}{4}$
	Neuville	— —	1 $\frac{7}{8}$	6 $\frac{1}{4}$
26.	BIENNE	— —	3	10
	Grenche	— —	2 $\frac{1}{2}$	8 $\frac{1}{4}$
27.	SOLEURE	— —	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	Wietlisbach	— —	2	6 $\frac{1}{2}$
	Balstal	— —	2	6 $\frac{1}{2}$
	Waldenburgh	— —	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Leichstall	— —	2 $\frac{7}{8}$	9 $\frac{1}{2}$
	to Augst	— —	1 $\frac{3}{4}$	5 $\frac{3}{4}$
29.	BASLE	— —	2	6 $\frac{1}{2}$

Dates.		Distances.	
		Leagues.	Miles.
JULY	TOUR in 1779.		
	<i>ENTERED Switzerland</i>		
	<i>from MILAN,</i>		
	COMO — —	8	26
	Mendrisio — —	$2\frac{1}{4}$	$7\frac{1}{2}$
	COMO — —	$2\frac{1}{4}$	$7\frac{1}{2}$
	by water to		
	Pliniana — —	$1\frac{1}{4}$	4
19.	Clarice — —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Domasio — —	$2\frac{3}{4}$	9
	Colico — —	$\frac{3}{4}$	$2\frac{1}{2}$
	by land to		
	Fort Fuentes — —	$\frac{3}{4}$	$2\frac{1}{2}$
	by water to		
	Riva — —	$2\frac{1}{4}$	$7\frac{1}{2}$
	by land to		
20.	Chiavenna — —	2	$6\frac{1}{2}$
	Bondo — —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Casaccia — —	$2\frac{1}{2}$	$8\frac{1}{4}$
	to Siglio — —	2	$6\frac{1}{2}$
31.	to St. Morezzo — —	$1\frac{1}{2}$	5
	Selva Piana — —	$\frac{3}{4}$	$2\frac{1}{2}$
	Julian Columns — —	$2\frac{1}{2}$	$8\frac{1}{4}$
	to Bivio — —	$1\frac{1}{2}$	5
	St. Morezzo — —	$4\frac{3}{4}$	$15\frac{1}{2}$
AUGUST	Bervers — —	$1\frac{1}{4}$	4
1.	Zutz — —	$1\frac{1}{2}$	5
2.	Scampf — —	$\frac{1}{2}$	$1\frac{1}{2}$
4.	Cernetz — —	$2\frac{3}{4}$	9
	Lavin — —	$1\frac{3}{4}$	$5\frac{3}{4}$
	Ardetz — —	$1\frac{1}{2}$	5
5.	Scuol — —	$1\frac{1}{2}$	5
	Remus — —	$1\frac{1}{4}$	4
	Nauders — —	$3\frac{1}{4}$	$10\frac{1}{2}$
6.	Craun — —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Lat — —	$2\frac{1}{4}$	$7\frac{1}{2}$
	St. Maria — —	2	7

Dates.			Distances.	
			Leagues.	Miles.
AUGUST				
	<i>over the Bralio</i>			
7.	Bormio	— —	$4\frac{1}{2}$	$14\frac{3}{4}$
	Sondalo	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Tirano	— —	3	10
	Teglio	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
	Sondrio	— —	$2\frac{3}{4}$	9
	P. St. Pietro	— —	$1\frac{1}{2}$	5
	Morbegno	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
	to Delebio	— —	$1\frac{1}{4}$	4
	Morbegno	— —	$1\frac{1}{4}$	4
	Sondrio	— —	$4\frac{1}{4}$	14
	Chiesfa	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
	Casauzia	— —	5	$16\frac{1}{2}$
SEPT.	Bondo	— —	$2\frac{1}{2}$	$8\frac{1}{4}$
17.	Chiavenna	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Ifola	— —	3	10
18.	Splugen	— —	$3\frac{3}{8}$	11
	Andeer	— —	$2\frac{3}{4}$	9
19.	Tufis	— —	$2\frac{1}{2}$	$8\frac{1}{4}$
	Reichenau	— —	$2\frac{3}{4}$	9
20.	COIRE	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
	to Haldenstein	— —	$\frac{5}{8}$	2
	COIRE	— —	$\frac{5}{8}$	2
	Churwalden	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
	Fatzerol	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
24.	Alvenew	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
	Ander Wiesen	— —	$1\frac{1}{2}$	5
	Glarus	— —	$1\frac{1}{2}$	5
25.	Davos	— —	$1\frac{3}{8}$	$4\frac{1}{2}$
	Laret	— —	1	$3\frac{1}{4}$
	Kublis	— —	$3\frac{1}{4}$	$10\frac{1}{2}$
	Schiers	— —	$2\frac{1}{2}$	$8\frac{1}{4}$
26.	Malans	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Pfeffers	— —	$1\frac{1}{2}$	5
	to the Baths	— —	$\frac{3}{4}$	$2\frac{1}{2}$
	Pfeffers	— —	$\frac{3}{4}$	$2\frac{1}{2}$
	Zitzers	— —	$1\frac{1}{2}$	5
27.	COIRE	— —	$1\frac{1}{2}$	5
	Reichenau	— —	$1\frac{3}{4}$	$5\frac{3}{4}$

Dates.				Distances.	
				Leagues.	Miles.
SEPT.					
	<i>Trins</i>	—	—	1	3 $\frac{1}{4}$
	<i>Ilantz</i>	—	—	3	10
28.	<i>Truns</i>	—	—	2 $\frac{7}{8}$	9 $\frac{1}{2}$
29.	<i>Disentis</i>	—	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	<i>Cimut</i>	—	—	3 $\frac{1}{4}$	10 $\frac{1}{2}$
30.	<i>Urseren</i>	—	—	2 $\frac{3}{4}$	9
	<i>Wafen</i>	—	—	1 $\frac{3}{4}$	5 $\frac{3}{4}$
OCT.	<i>Am Steg</i>	—	—	2	6 $\frac{1}{2}$
1.	ALTDORF	—	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	<i>Fluelen</i>	—	—	$\frac{1}{2}$	1 $\frac{1}{2}$
	by water to				
	<i>Brunnen</i>	—	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	by land to				
	SCHWEITZ	—	—	1	3 $\frac{1}{4}$
	<i>Brunnen</i>	—	—	1	3 $\frac{1}{4}$
	by water to				
2.	<i>Gerifau</i>	—	—	1 $\frac{1}{2}$	5
	<i>Buochs</i>	—	—	1 $\frac{1}{4}$	4
	by land to				
	STANTZ	—	—	1 $\frac{1}{4}$	4
	<i>Stantzstad</i>	—	—	$\frac{1}{2}$	1 $\frac{1}{2}$
	by water to				
3.	LUCERN	—	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	by land to				
	<i>Honau</i>	—	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	<i>Knonau</i>	—	—	2 $\frac{3}{4}$	9
	<i>Albis</i>	—	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
4.	ZURIC	—	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	<i>Basserstorf</i>	—	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	<i>Winterthur</i>	—	—	1 $\frac{3}{4}$	5 $\frac{3}{4}$
5.	to Frauenfield	—	—	3 $\frac{1}{4}$	10 $\frac{1}{2}$
6.	ZURIC	—	—	7 $\frac{1}{4}$	24
	<i>Dieticon</i>	—	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	BADEN	—	—	2 $\frac{1}{8}$	7
	<i>Konigsfelden</i>	—	—	1 $\frac{3}{4}$	5 $\frac{3}{4}$
	to the Baths of Schintznach	—	—	1	3 $\frac{1}{4}$
	<i>Hapsburgh</i>	—	—	$\frac{1}{4}$	$\frac{3}{4}$
	Bruck	—	—	$\frac{1}{2}$	1 $\frac{1}{2}$

Dates.		Distances.	
		Leagues.	Miles.
OCT.			
	<i>Stille</i> — —	$\frac{7}{8}$	$2\frac{3}{4}$
	Klingnau — —	2	$6\frac{1}{2}$
	7. Waldshut — —	1	$3\frac{1}{4}$

TOUR in 1785.

JULY	ENTERED Switzerland from MUNICH,			
18.	at SCHAFFHAUSEN	—		
19.	to the Cataract at Lauffen	—	1	$3\frac{1}{4}$
	SCHAFFHAUSEN	—	1	$3\frac{1}{4}$
	<i>Lotstetten</i> — —	—	$2\frac{3}{4}$	9
	Eglifau — —	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	Bulach — —	—	$1\frac{1}{4}$	4
	Kloten — —	—	2	$6\frac{1}{2}$
20.	ZURIC — —	—	$1\frac{3}{4}$	$5\frac{3}{4}$
	Meile — —	—	2	$6\frac{1}{2}$
	by water to			
	Weddenschweil	—	$1\frac{1}{2}$	5
	by land to			
24.	Richliswisch	—	1	$3\frac{1}{4}$
	by water to			
	I. of Ufnau — —	—	$1\frac{1}{2}$	5
	Rapperschwyl	—	1	$3\frac{1}{4}$
	by land to			
	Grunengen	—	$2\frac{7}{8}$	$9\frac{1}{2}$
25.	Ustar — —	—	$2\frac{7}{8}$	$9\frac{1}{2}$
	by water to			
	Falanden — —	—	1	$3\frac{1}{4}$
	by land to			
26.	ZURIC — —	—	$1\frac{1}{2}$	5

APPENDIX.

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Dates.			Distances.	
			Leagues.	Miles.
JULY				
	Regensburg	—	3	10
	to the top of the			
	Lagerberg	—	1	3 $\frac{1}{4}$
AUG. 2.	Zuric	—	4	13
	by water to			
	BADEN	—	4	13
	by land to			
	Windisch	—	1 $\frac{1}{2}$	5
	Konigsfelden	—	1 $\frac{1}{4}$	3 $\frac{3}{4}$
	to the Baths of Schintznach	—	1	3 $\frac{1}{4}$
	Hapsburg	—	1 $\frac{1}{4}$	3 $\frac{3}{4}$
4.	Bruck	—	1 $\frac{1}{2}$	1 $\frac{1}{2}$
	by water to			
	Lauffenburgh	—	8	26
5.	BASLE	—	6 $\frac{3}{4}$	21 $\frac{1}{2}$
6.	to STRASBURGH.—Re-			
	turned to			
12.	BASLE	—		
	by land to			
	Arlesheim	—	1 $\frac{1}{2}$	5
	BASLE	—	1 $\frac{1}{2}$	5
	Reinach	—	1 $\frac{1}{2}$	5
	Grellingen	—	1	3 $\frac{1}{4}$
	Lauffen	—	1 $\frac{1}{2}$	5
	Delmont	—	3	10
	Corrandelin	—	1	3 $\frac{1}{4}$
	Munster	—	1 $\frac{1}{2}$	5
15.	Molleray	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Pierre Pertuis	—	1	3 $\frac{1}{4}$
	Reuchnete	—	2	6 $\frac{1}{2}$
	BIENNE	—	2	6 $\frac{1}{2}$
	Grenche	—	2 $\frac{1}{8}$	7
16.	SOLEURE	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Kilchberg	—	2 $\frac{3}{4}$	9
	Hindelbank	—	1 $\frac{1}{4}$	4
18.	BERN	—	2 $\frac{3}{4}$	9
	Worb	—	1 $\frac{1}{2}$	5
	Signau	—	3	10

Dates.			Distances.	
			Leagues.	Miles.
AUGUST				
		Langenau — —	$1\frac{1}{2}$	5
		Eschlismat — —	3	10
		Shuepfen — —	$1\frac{1}{2}$	5
	21.	Entlibuch — —	$2\frac{1}{2}$	$8\frac{1}{4}$
		Wolhausen — —	$2\frac{1}{8}$	7
		Malters — —	2	$6\frac{1}{2}$
	22.	LUCERN — —	$2\frac{1}{8}$	7
		Winke — —	1	$3\frac{1}{4}$
		by water to		
		Alpnach — —	2	$6\frac{1}{2}$
		by land to		
		Sarne — —	$1\frac{1}{2}$	5
		by water to		
		Saxelen — —	$\frac{1}{2}$	$1\frac{1}{2}$
		by land to		
		Kernwald — —	$1\frac{1}{2}$	5
	24.	STANTZ — —	2	$6\frac{1}{2}$
		Graffenort — —	$2\frac{1}{4}$	$7\frac{1}{2}$
	25.	Engelberg — —	2	$6\frac{1}{2}$
		over the Suren Alps to		
	26.	ALTDORF — —	5	$16\frac{1}{2}$
		Am Steg — —	$2\frac{1}{2}$	$8\frac{1}{4}$
		Wafen — —	2	$6\frac{1}{2}$
		Urseren — —	$1\frac{3}{4}$	$5\frac{3}{4}$
	27.	Hospital — —	1	$3\frac{1}{4}$
		to Spital on St. Gothard	$1\frac{3}{4}$	$5\frac{3}{4}$
	28.	Hospital — —	2	$6\frac{1}{2}$
		Realp — —	$1\frac{3}{4}$	$5\frac{3}{4}$
		over the Furca and Grimsel		
	29.	to Spital — —	$5\frac{1}{2}$	18
		Handeck — —	2	$6\frac{1}{2}$
	30.	Meyringen — —	4	13
	31.	Grindelwald — —	$4\frac{1}{2}$	$14\frac{3}{4}$
SEPT. 1.		Lauterbrunnen — —	3	10
		Leisngen — —	3	10
		Æfchi — —	1	$3\frac{1}{4}$
	3.	Frutigen — —	$2\frac{1}{4}$	$7\frac{1}{2}$
		Kandersteg — —	3	10

Dates.			Distances.	
			Leagues.	Miles.
SEPT.				
	<i>Winteregg</i>	—	2	$6\frac{1}{2}$
	<i>over the Gemmi</i>			
4.	<i>Baths of Leuk</i>	—	$3\frac{3}{4}$	$12\frac{1}{4}$
	<i>Siders</i>	—	5	$16\frac{1}{2}$
	<i>St. Leonard</i>	—	2	$6\frac{1}{2}$
5.	SION	—	$1\frac{1}{2}$	5
	<i>Ridda</i>	—	2	$6\frac{1}{2}$
	<i>Martigny</i>	—	$2\frac{1}{2}$	$8\frac{1}{4}$
6.	<i>Trient</i>	—	$2\frac{1}{2}$	$8\frac{1}{4}$
7.	<i>the Priory</i>	—	$3\frac{3}{4}$	$12\frac{1}{4}$
8.	<i>ascended Montanvert</i>			
	<i>Valorfine</i>	—	3	10
	<i>Trient</i>	—	$1\frac{3}{4}$	$5\frac{3}{4}$
10.	<i>Martigny</i>	—	$2\frac{1}{2}$	$8\frac{1}{4}$
	<i>St. Maurice</i>	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	<i>Bex</i>	—	1	$3\frac{1}{4}$
	<i>to Bevioux</i>	—	$\frac{1}{2}$	$1\frac{1}{2}$
11.	<i>Bex</i>	—	$\frac{1}{2}$	$1\frac{1}{2}$
	<i>Aigle</i>	—	$1\frac{1}{2}$	5
	<i>Villeneuve</i>	—	$2\frac{1}{8}$	7
	<i>Vevay</i>	—	$2\frac{1}{8}$	7
	<i>by water to</i>			
12.	<i>Meillerie</i>	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	<i>Ouchy</i>	—	$2\frac{3}{4}$	9
	<i>by land to</i>			
13.	LAUSANNE	—	$\frac{1}{4}$	$\frac{3}{4}$
	<i>Morges</i>	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	<i>Rolle</i>	—	$2\frac{3}{4}$	9
	<i>Nyon</i>	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	<i>Copet</i>	—	$1\frac{3}{4}$	$5\frac{3}{4}$
16.	GENEVA	—	$9\frac{1}{2}$	$8\frac{1}{4}$
27.	<i>to LYONS. — Returned to</i>			
OCT. 6.	PONTARLIER	—		
	<i>St. Pierre</i>	—	1	$3\frac{1}{4}$
	<i>Verrieres</i>	—	$1\frac{3}{4}$	$5\frac{3}{4}$
	<i>Motiers</i>	—	$2\frac{3}{4}$	9
	<i>Travers</i>	—	1	$3\frac{1}{4}$
	<i>Rochefort</i>	—	$2\frac{1}{4}$	$7\frac{1}{2}$

Dates.			Distances.	
			Leagues.	Miles.
OCT.				
7.	NEUCHATEL	—	$1\frac{3}{4}$	$5\frac{3}{4}$
	Thielle	—	$1\frac{3}{4}$	$5\frac{3}{4}$
	Anet	—	1	$3\frac{1}{4}$
8.	Walperschwyl	—	$2\frac{1}{2}$	$8\frac{1}{4}$
	Morat	—	4	13
9.	FRIBURGH	—	4	13
	Morat	—	4	13
	Greng	—	$\frac{1}{2}$	$1\frac{1}{2}$
	by water to			
	Motier	—	$\frac{5}{8}$	2
	to Mount Vuilly	—	$\frac{1}{2}$	$1\frac{1}{2}$
	Greng	—	$\frac{3}{4}$	$2\frac{1}{2}$
	by land to			
12.	Coujouvaux	—	$\frac{1}{2}$	$1\frac{1}{2}$
	Morat	—	$\frac{1}{2}$	$1\frac{1}{2}$
	Arberg	—	$3\frac{1}{2}$	$11\frac{1}{2}$
	Nidau	—	$1\frac{3}{4}$	$5\frac{3}{4}$
13.	BIENNE	—	$\frac{3}{8}$	$1\frac{1}{4}$
	Reuchnete	—	2	$6\frac{1}{2}$
	Pierre Pertuis	—	2	$6\frac{1}{2}$
	Tavannes	—	$\frac{1}{2}$	$1\frac{1}{2}$
	Bellelay	—	$1\frac{1}{2}$	5
	Glovillier	—	3	10
14.	PORENTRU	—	4	13
	Grandvillard	—	3	10
	Beffort	—	$2\frac{1}{4}$	$7\frac{1}{2}$
	Altkirch	—	$6\frac{1}{4}$	$20\frac{1}{2}$
15.	BASLE	—	6	20
	Blotzheim	—	$2\frac{3}{4}$	9
	MULHAUSEN	—	$3\frac{3}{8}$	11

Dates.			Distances.	
SEPT.	TOUR in 1786.		Leagues.	Miles.
	<i>ENTERED Switzerland</i>			
	<i>from PARIS and DIJON,</i>			
	<i>through</i>			
	PONTARLIER	—		
	St. Pierre	—	1	3 $\frac{1}{4}$
	Joigne	—	2 $\frac{3}{4}$	9
18.	Orbe	—	3 $\frac{3}{8}$	11
19.	St. Barthelemi	—	2 $\frac{3}{4}$	9
20.	Morges	—	3 $\frac{5}{8}$	12
	Rolle	—	2 $\frac{3}{4}$	9
	Nyon	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	Copet	—	1 $\frac{3}{4}$	5 $\frac{3}{4}$
23.	to GENEVA	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Copet	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Nyon	—	1 $\frac{3}{4}$	5 $\frac{3}{4}$
	Rolle	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
29.	Morges	—	2 $\frac{3}{4}$	9
30.	St. Barthelemi	—	3 $\frac{5}{8}$	12
OCT. 1.	Orbe	—	2 $\frac{3}{4}$	9
	Yverdun	—	2 $\frac{1}{4}$	7 $\frac{1}{2}$
	Granfon	—	1	3 $\frac{1}{4}$
	St. Aubin	—	3	10
2.	Boudri	—	1 $\frac{3}{8}$	4 $\frac{1}{2}$
3.	NEUCHATEL	—	1 $\frac{1}{2}$	5
	St. Blaise	—	1	3 $\frac{1}{4}$
	Neuville	—	1 $\frac{7}{8}$	6 $\frac{1}{4}$
	by water to			
	I. St. Peter	—	1 $\frac{1}{4}$	4
	Neuville	—	1 $\frac{1}{4}$	4
	by land to			
4.	NEUCHATEL	—	2 $\frac{3}{4}$	9
	Thielle	—	1 $\frac{3}{4}$	5 $\frac{3}{4}$
	Anet	—	1	3 $\frac{1}{4}$
	Walperschwyl	—	2 $\frac{1}{2}$	8 $\frac{1}{4}$
	Morat	—	4	13
	to Villars	—	1 $\frac{1}{2}$	1 $\frac{1}{2}$
	Morat	—	1 $\frac{1}{2}$	1 $\frac{1}{2}$

Dates.			Distances.	
			Leagues.	Miles.
OCT.				
5.	Greng	— —	$\frac{1}{2}$	$1\frac{1}{2}$
	by water to			
	Motier	— —	$\frac{5}{8}$	2
	Greng	— —	$\frac{5}{8}$	2
	by land to			
	Coujouvaux	— —	$\frac{1}{4}$	$\frac{3}{4}$
9.	to FRIBURGH	— —	$3\frac{5}{8}$	12
11.	Greng	— —	4	13
	Morat	— —	$\frac{1}{2}$	$1\frac{1}{2}$
	Gimmenen	— —	2	$6\frac{1}{2}$
	Riederen	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
13.	BERN	— —	$1\frac{1}{4}$	4
	Maffic	— —	$2\frac{1}{2}$	$8\frac{1}{4}$
17.	to Thun	— —	$3\frac{1}{2}$	$11\frac{1}{2}$
	Maffic	— —	$3\frac{1}{2}$	$11\frac{1}{2}$
	Worb	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
18.	BERN	— —	$1\frac{1}{2}$	5
	Hindelbank	— —	$2\frac{3}{4}$	9
	Kilchberg	— —	$1\frac{1}{4}$	4
	Burberg	— —	$3\frac{3}{4}$	$12\frac{1}{4}$
	Murgenthal	— —	$1\frac{1}{2}$	5
19.	Zoffingen	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Tagmersellen	— —	2	$6\frac{1}{2}$
	Surfee	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
	Adelwil	— —	$2\frac{3}{4}$	9
20.	LUCERN	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Honau	— —	$2\frac{1}{2}$	$8\frac{1}{4}$
	Knonau	— —	$2\frac{3}{4}$	9
	Albis	— —	$2\frac{1}{2}$	$7\frac{1}{2}$
21.	ZURIC	— —	$2\frac{1}{2}$	$8\frac{1}{4}$
	Basserstorf	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
	Winterthur	— —	$1\frac{3}{4}$	$5\frac{3}{4}$
	Islikon	— —	$2\frac{1}{4}$	$7\frac{1}{2}$
24.	Frauenfeld	— —	1	$3\frac{1}{4}$
	Mulheim	— —	2	$6\frac{1}{2}$
	CONSTANCE	— —	$3\frac{1}{2}$	$11\frac{1}{2}$
	Zell	— —	$5\frac{1}{2}$	18

APPENDIX.

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Dates.			Distances.	
			Leagues.	Miles.
OCT.				
25.	SCHAFFHAUSEN	—	5 $\frac{1}{2}$	18
	<i>Neunkirch</i>	—	2	6 $\frac{1}{2}$
	<i>Lauchingen</i>	—	3	10
26.	Waldshut	—	3	10
	Lauffenburg	—	3	10
	Seckingen	—	1 $\frac{1}{2}$	5
	Rheinfelden	—	2	6 $\frac{1}{2}$
28.	BASLE	—	3	10

N^o V.

A CATALOGUE of the principal Books occasionally consulted in the course of this Publication.

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Andreà's *Briefe aus der Schweiz nach Hanover geschrieben.* 4to. Zurich and Winterthur, 1776.

B

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D & F

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Staats und Erdbeschreibung der Schweizerischen Eidgenosschaft; durch Joh. Conrad Fueslin. 4 vols. 8vo. Zurich, 1770.

G

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Die Eisgebuerge des Schweizerlands beschrieben von Gottlieb Sigmund Gruner. Bern. 3 vols. 8vo. 1760.

Rhetia Das-ist Aufsfuehrliche und warrhafte Beschreibung der dreyen loeblichen Graewen Buenden und anderer Retischen Voelker. Durch Johann Guler von Weineck. fol. Coira, 1616.

H

Hacquet's *Physicalische Politische Reise aus den Dinarischen Rhetischen in die Norischen Alpen, in Jahre, 1781 und 1783 unternommen.* 2 vols. 8vo. Leipzig, 1785.

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Briefe ueber die Schweiz. Von C. C. L. Hirschfeld, 2 vols. 12mo. Leipzig, 1776, 1785.

A short

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